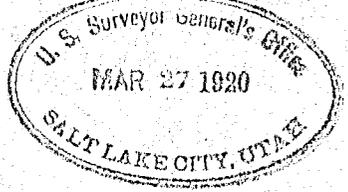


**Volume**

**#**

**R0449**



A

BOOK A-449

## FIELD NOTES

OF THE ~~SURVEY OF THE~~

Dependent Resurvey of Part of the Eighth

Standard Parallel South, through Range 14 W.,

Dependent Resurvey of Part of the East Boundary,

Dependent Resurvey of Part of the South Boundary,

Dependent Resurvey of Part of the West Boundary,

Dependent Resurvey of Part of the Subdivisions, and

Survey of Part of the Subdivisions of

T. 41 S., R. 14 W.

Of the Salt Lake Base and Meridian,

In the State of Utah

EXECUTED BY

Howard G. Mason, U. S. Surveyor

In the capacity of U. S. Surveyor, under instructions dated Dec. 27, 1917,

issued by the United States Surveyor General to govern surveys included in

Group No. 68, which were approved by the Commissioner of the General Land

Office, January 11, 1918, pursuant to authority contained in the Act of

Congress dated and Assignment Instructions dated Jan. 8, 1918

Survey commenced January 16, 1918

Survey completed May 1, 1919

F.B.J. F.B.J.

F.B.J.

Company

Plat H.R.M.A. Notes K.I.F.

BOOK A-449

# INDEX DIAGRAM.

Township 13 13 41 S. Range 13 13 14 W.

15	14	78	5	36	20	4	34	20	3	42	2	31	18	1
	77		76		35			55			41		18	
					20									19
	7	75	8	61	9	52	10	40	11	29	18	12		
	74		73		60			51		28				
										17				
	18	71	17	59	16	49	15	27	17	14			13	
	70		69		58			48						
	19	68	20	57	21	47	22	26	17	23			21	
	67		66		56			17		17			17	
								46		25			24	
	30	65	29	55	28	44	27	22	16	26	39	25	5	3
	64		64		55			19		16			28	
								33		39				
	31	63	32	54	33	32	19	34	20	16	35	37	36	3
	7 - 12		7 - 10		6 - 9						6 - 8		6 - 7	

BOOK A-449

4-679 b

INDEX DIAGRAM.

Township 41 S, Range 14 W

	16.15	15		15	15				
17	6	80	5	22	22	8	45	2	1
	79	78		38	36			20	
7	77	8	23.37	54	10	42	11	21	12
	76	75		62	53		30	19	
18	73	17	61	16	51	15	29	14	13
	72	71		60	50		19	19	
19	70	20	59	21	49	22	28	23	24
	69	68		58	48	19	19	27.17	26
30	67	29	57	28	46	27	24	26	41
	66	66		57	31	35	18	41	40
31	65	32	56	33	34	34	22	39	38
	64	12		33	21		18	39	5
				11			10		8

Date Diagram.

T. 41 S., R. 14 W.

3/15/18	2/28/18	2/28/18	2/26/18	2/26/18
	6	5	4	3
	3/15/18	3/9/18	2/27/18	2/26/18
	7	8	9	10
	3/13/18	3/13/18	3/2/18	2/16/18
	18	17	16	15
	2/21/18	2/15/18	2/13/18	2/2/18
19	20	21	22	
2/14/18	2/12/18	2/1/18	1/30/18	
30	29	28	27	
2/11/18	1/31/18	1/28/18	1/27/18	
31	32	33	34	
1/31/18	1/31/18	1/28/18	1/24/18	

Test of Instrument.

Survey commenced January 16, 1918, and executed with a

Young and Sons aluminum solar transit No. 8515, with Smith solar attachment, property of the General Land

Office. Unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

The instrument was examined and tested by the Assistant Supervisor of Surveys and approved for this work conditionally upon satisfactory field tests.

January 13, 1918: At camp, near the cor. of secs. 7,

12, 13, and 18, T. 41 S., Rs. 13 and 14 W., Salt Lake

Test of Instrument.

Base and Meridian, Utah, in latitude  $37^{\circ} 14'$  N., longitude  $113^{\circ} 18'$  W., at 11h. 56m. p. m., l. m. t., I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris at western elongation =  $1^{\circ} 25'$ .

January 14: At 7h 30m a. m., I lay off the azimuth of Polaris,  $1^{\circ} 25'$  to the east, and mark the meridian thus determined by a tack in a peg driven firmly in the ground 5 chs. N.

At the same station, at 8h 0m a. m., app. t., I set off  $37^{\circ} 14'$  on the lat. arc,  $21^{\circ} 18'$  S., on the decl. arc, and determine a meridian with the solar, which I find to agree with the true meridian.

At 4h 0m p. m., app. t., with lat. arc unchanged, I set off  $21^{\circ} 15'$  S. on the decl. arc and determine a meridian, which I find to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within  $1' 30''$  of the true meridian I consider that the adjustments of the instrument are satisfactory.

Latitude and repeated meridian observations were taken daily, weather permitting, and the instrument was kept in adjustment throughout the survey.

Unless otherwise specified all measurements are made with a Lallie steel tape 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Howard G. Mason  
U. S. Surveyor.

Retracement of Part of East Boundary of T. 41 S., R. 14 W.

Chains

From the cor. of secs. 24 and 25, on E. bdy. of Tp. South, along the E. bdy of sec. 25.

40.00 Found no trace of  $\frac{1}{4}$  sec. cor.

78.92 Fall 66 lks. E. of the closing cor. of secs. 30 and 31, T. 41 S., R. 13 W.

82.80 Fall 52 lks. E. of the cor. of secs. 25 and 36. The course of this line is S.  $0^{\circ} 22'$  W., and the length, 82.80.

From the cor. South, bet. secs. 31 and 36.

41.36 Fall 43 lks. E. of the  $\frac{1}{2}$  sec. cor.

76.09 Fall 50 lks. E. of the closing cor. of Ts. 41 and 42 S., R. 13 W.

83.00 Fall 49 lks. E. of cor. of Ts. 41 and 42 S., R. 14 W. The S. half of this line is S.  $0^{\circ} 5'$  W., 41.64 chs., and the N. half is S.  $0^{\circ} 36'$  W., 41.36 chs.

Resurvey of Part of East Boundary of T. 41 S., R. 14 W.

From the cor. of Ts. 41 and 42 S., which is a volcanic stone, 18 x 12 x 10 ins., firmly set in mound of stone, marked and witnessed as described by the surveyor general. Alongside of stone

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 41 and 42 S., R. 14 W., with brass cap marked

T. 41 S  
R. 14 W  
S 36  
S 1  
T 42 S

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

N.  $0^{\circ} 5'$  E., along the E. bdy. of sec. 36.

Desc. 20 ft. to  $\frac{1}{2}$  sec. cor., over rolling land, through dense short undergrowth.

6.91 Fall 2 lks. E. of the closing cor. of Ts. 41 and 42 S., R. 13 W.

Resurvey of Part of the East Boundary of T. 41 S., R. 14 W.

Chains

which is basalt stone, 6 x 6 x 5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

20.75 Power transmission line, bears N. 50° E. and S. 50° W.

32.94 Road, bears NW. and SE.

41.64 The old 1/4 sec. cor., which is a basalt stone, 10 x 8 x 5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Alongside of stone

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 cor. of sec. 36 only, with brass cap marked

1/4 S 36

1918

Soil, loose drifting sand, pits impracticable; no rock available for mound.

Thence

N. 0° 36' E.

Desc. 90 ft. to sec. cor. over rolling NW. slope.

34.60 Top of lava bluff, 50 ft. high, bears NE. and SW.; desc. over bluff

38.55 At intersection of true line run E. from the cor. of secs. 25, 26, 35, and 36, bet. secs. 25 and 36, I later

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25 and 36, with brass cap marked

T 41 S  
S 25  
S 36  
R 14 W  
1918

and dig pits 24 x 24 x 12 ins., in each sec., 6 ft. dist.

Land, rolling and broken. Soil, sand and stony sandy loam; 2nd and 3rd rate. No timber. Undergrowth, creosote brush and other desert plants. Little grass.

-----

Resurvey of Part of East Boundary of T. 41 S., R. 14 W.

Chains

N. 0° 36' E., along the E. bdy. of sec. 25.

Desc. 60 ft. over rolling NW. slope, through scattering undergrowth.

2.81 The old cor. of secs. 25 and 36, which is a basalt stone,

8 x 6 x 6 ins. above ground, firmly set, marked and

witnessed as described by the surveyor general. I

obliterate old markings on stone and mark AP on N. and

S. faces for angle point.

Thence

N. 0° 22' E.

3.88 Fall 16 lks. E. of the closing cor. of secs. 30 and 31,

which is a sandstone, 8 x 8 x 6 ins. above ground,

firmly set, marked and witnessed as described by the surveyor general.

22.70 Top of gravel bluff, 40 ft. high, bears NE. and SW.

desc. over bluff.

26.00 Left bank of Virgin River, bears NE. and SW.

37.19 True point for  $\frac{1}{2}$  cor. of sec. 25 falls in river. Cor. not set.

45.18 Right bank of Virgin River, bears NE. and SW. asc. 460

ft. over SE. slope, to sec. cor. Stream 3.00 chs. wide.

47.00 Set an iron post, 5 ft. long, 1 in. diam., 12 ins. in

the ground to bed rock, for witness cor. to  $\frac{1}{4}$  cor. of sec. 25 only, with brass cap marked

$\frac{1}{2}$ S 25

WC

1918

and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high,

W. of cor.

82.80 The old cor. of secs. 24 and 25, which is a sandstone,

30 x 6 x 4 ins., firmly set in mound of stone, marked and witnessed as described by the surveyor general.

Alongside of stone

Set an iron post, 3 ft. long, 2 ins. diam., on bed rock

surrounded by a mound of stone, for cor. of secs. 24 and 25 only, with brass cap marked

Resurvey of Part of E. Bdy. of T. 41 S., R. 14 W.

Chains

T 41 S  
S 24  
S 25  
R 14 W  
1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

Land, rolling and mountainous. Soil, sandy loam, much  
rock outcropping; 2nd and 3rd rate. No timber.

Undergrowth, creosote brush and other desert plants,  
very little grass.

Retracement of Part of S. Bdy. of T. 41 S., R. 14 W.

From the cor. of Ts. 41 and 42 S., R. 14 W.

West, bet. secs. 1 and 36.

40.12 Fall 9 lks. S. of the 1/2 sec. cor.

79.27 Fall 18 lks. S. of the witness cor. of secs. 1, 2, 35,  
and 36.

79.69 Fall 18 lks. S. of the witness cor. for meander cor. of  
secs. 1 and 36.

80.24 Fall 18 lks. S. of true point for cor. of secs. 1, 2,  
35, and 36.

From true point for cor.  
West, bet. secs. 2 and 35.

4.62 Found no trace of meander cor. for secs. 2 and 35.

40.00 Fall 8 lks. S. of 1/2 sec. cor.

43.44 Fall 19 lks. S. of another 1/2 sec. cor.

80.04 Fall 20 lks. S. of closing cor. of secs. 2 and 3.

84.60 Fall 20 lks. S. of the cor. of secs. 34 and 35.

From the cor. of secs. 3, 4, 32, and 34,  
West, bet. secs. 4 and 32.

41.34 Fall 41 lks. N. of the 1/2 sec. cor.

82.53 Fall 40 lks. N. of the cor. of secs. 4, 5, 32, and 33.

The E. half of this line is S. 89° 25' W., 41.34 chs.,  
and the W. half is N. 89° 59' W., 41.19 chs.

From the cor.  
West, bet. secs. 5 and 32.

Retracement of Part of S. Bdy. of T. 41 S., R. 14 W.

Chains

- 41.13 Fall 18 lks. S. of the  $\frac{1}{2}$  sec. cor.
- 82.24 Fall 15 lks. S. of the cor. of secs. 5, 6, 31, and 32.  
 The E. half of this line is N.  $89^{\circ} 45'$  W., 41.13 chs.,  
 and the W. half is S.  $89^{\circ} 57'$  W., 41.14 chs.  
 From the cor.  
 West, bet. secs. 6 and 31.
- 41.11 Fall 8 lks. S. of the  $\frac{1}{2}$  sec. cor.
- 82.28 Fall 12 lks. S. of the cor. of Ts. 41 and 42 S., Rs.  
 14 and 15 W.  
 The E. half of this line is N.  $89^{\circ} 53'$  W., 41.11 chs.,  
 and the W. half is N.  $89^{\circ} 57'$  W., 41.17 chs.

Resurvey of Part of S. Bdy. of T. 41 S., R. 14 W.

From the cor. of Ts. 41 and 42 S., R. 14 W., hereinbefore described

N.  $89^{\circ} 52'$  W., bet. secs. 1 and 36.

Over rolling land, through scattering undergrowth.

- 16.60 Road, Harrisburg to Hurricane, bears N.  $50^{\circ}$  W. and S.  $50^{\circ}$  E.
- 40.12 The old  $\frac{1}{2}$  sec. cor., which is a basalt stone, 12 x 10 x 4 ins., marked and witnessed as described by the surveyor general. Alongside of stone  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked  

S 36		S 1
$\frac{1}{2}$		

 1918  
 and raise a mound of stone, 2 ft. base;  $1\frac{1}{2}$  ft. high, N. of cor.
- 42.50 Road, bears N. and S.
- 48.90 Road, bears NE. and SW.
- 58.50 Edge of bench, bears NE. and SW.; desc. 94 ft. to river bottom over lava bluff.
- 60.50 Irrigating ditch, 5 lks. wide, 1 ft. deep, flows N.  $10^{\circ}$  W.; enter cultivated land in river bottom, bears N.

Resurvey of Part of S. Bdy. of T. 41 S., R. 14 W.

Chains	
	and S.
79.27	The witness cor. for cor. of secs. 1, 2, 35, and 36, which is a sandstone, 9 x 6 x 5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
79.69	The witness cor. for meander cor. of secs. 1 and 36, which is a black basalt stone, 16 x 12 x 8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
80.24	True point for cor. of secs. 1, 2, 35, and 36, in main channel of Virgin River. Land, rolling. Soil, sandy loam; 2nd and 3rd rate. No timber. Undergrowth, creosote brush, Spanish dagger, and other desert brush; very little grass.
	N. 89° 53' W., bet. secs. 2 and 35. Through river channel.
.80	Middle of Virgin River, 2 chs. wide, 3 ft. deep, course S.
4.62	Found no trace of meander cor. for secs. 2 and 35; probably destroyed by the river.
5.10	Road, bears N. 70° E. and S.
5.50	Wire fence, bears N. and S.; enter cultivated land.
6.10	Power transmission line, bears N. 60° E. and S. 60° W.
10.00	Irrigating ditch, 6 lks. wide, 18 ins. deep, course S. 40° E.
17.10	Road, bears N. 40° E. and S. 40° W.; leave cultivated land, bears same; asc. 196 ft. over SE. slope.
27.70	Ridge, bears N. and S.; desc. 157 ft. to $\frac{1}{2}$ cor., over E. slope.
40.00	The old $\frac{1}{2}$ sec. cor., which is a yellow sandstone, 20 x 8 x 8 ins., firmly set in mound of stone, marked $\frac{1}{2}$ on E. face. Hereafter this cor. will refer to sec. 35 only, and I raise a mound of stone, 2 ft. base, 1 1/2 ft. high N. of cor.

Resurvey of Part of S. Bdy. of T. 41 S., R. 14 W.

Chains

Thence ✓  
N. 88° 10' W.

3.44 The old  $\frac{1}{4}$  sec. cor., which is a red sandstone, 22 x 14 x 5 ins., set in mound of stone, marked  $\frac{1}{4}$  on N. face, with mound of stone E. of cor. I obliterate the  $\frac{1}{4}$  and mark AP on S. face for angle point cor.

Thence  
N. 89° 59' W. ✓

6.46 Dry wash, 30 lks. wide, 4 ft. deep, course S. 20° W.

36.60 The closing cor. of secs. 2 and 3, which is a sandstone, 14 x 8 x 6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

41.16 The old cor. of secs. 34 and 35, which is a brown sandstone, 12 x 10 x 6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Alongside of stone

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, for cor. of secs. 34 and 35 only, with brass cap marked

T 41 S	R 14 W.
S 34	S 35

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Land, rolling and hilly. Soil; first 15 chs. river bottom, sandy loam, 1st rate; balance of mile, stony, all colors and textures, 4th rate. Scattering cottonwoods along river. Undergrowth, creosote brush, shadscale, and other desert brush. Little grass.

From the cor. of secs. 3, 4, 33, and 34, which is a brown sandstone, 24 x 14 x 3 ins., set in mound of stone, marked with 3 notches on E. and W. edges, S. 89° 25' W., bet. secs. 4 and 33.

Asc. 133 ft. over rolling bench land, through scattering desert undergrowth.

Resurvey of Part of S. Bdy. of T. 41 S., R. 14 W.

Chains

- 4.60 Road, Cedar City to St. George, bears N. 50° E. and S. 50° W.
- 4.90 New telephone line, bears N. 50° E. and S. 50° W.
- 9.00 Old telephone line, bears same.
- 34.70 Dry wash, 10 lks. wide, 1 ft. deep, course S.
- 41.34 The  $\frac{1}{4}$  sec. cor., which is a yellow sandstone, 16 x 9 x 8 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face. I raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Thence

N. 89° 59' W.

- 11.46 Low ridge, bears N. 40° E. and S. 40° W.; desc. 128 ft. to sec. cor., over gradual NW. slope.
- 30.40 Dry wash, 70 lks. wide, 2 ft. deep, course S. 10° W.
- 38.66 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 32 and 33 only, with brass cap marked

T 41 S	R 14 W
S 32	S 33

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Land, rolling and hilly. Soil, red and brown stony sandy loam; 2nd and 3rd rate. No timber. Undergrowth, Creosote brush, shadscale, Spanish dagger, and other desert brush. Little grass.

N. 89° 59' W., along the S. bdy. of sec. 32.

Over rolling and broken bench land, through scattering desert undergrowth.

- 2.53 The old cor. of secs. 4, 5, 32, and 33, which is a red sandstone, 14 x 9 x 6 ins., firmly set in mound of stone, marked with 4 notches on E. and 2 on W. edge, with mound of stone W. of cor. Hereafter this cor. will refer to secs. 4 and 5 only and I move mound of

Resurvey of Part of S. Bdy. of T. 41 S., R. 14 W.

Chains

stone from W. to S. of cor.

Thence

N. 89° 45' W.

18.40 Ravine, course S. 10° E.

22.40 Road, bears S. 30° E. and N. 30° W.

24.70 Gulch, course S.; small springs and seepage water along gulch.

37.47 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, surrounded by a mound of stone for  $\frac{1}{4}$  cor. of sec. 32 only, with brass cap marked

$\frac{1}{4}$ S 32

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

41.13 The old  $\frac{1}{4}$  sec. cor., which is a red sandstone, 20 x 16 x 6 ins., firmly set in mound of stone, marked  $\frac{1}{4}$  on N. face, with mound of stone N. of cor. Hereafter this cor. will refer to sec. 5 only and I move mound of stone from N. to S. of cor.

Cor. stands on edge of bench, 65 ft. above  $\frac{1}{4}$  cor. of sec. 32.

Thence

S. 89° 57' W.

6.24 Road, bears S. 20° W. and N. 20° E.

31.24 Dry wash, 20 lks. wide, course S. 30° W.

36.34 Set an iron post, 3 ft. long, 2 ins. diam., on outcropping bed rock, surrounded by a mound of stone, for cor. of secs. 31 and 32 only, with brass cap marked

T 41 S	R 14 W
S 31	S 32

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Land, rolling and broken. Soil, red sandy loam; 4th rate  
No timber. Creosote and other desert brush. Little grass.

Resurvey of Part of the S. Bdy. of T. 41 S., R. 14 W.

Chains

S. 89° 57' W., along the S. bdy. of sec. 31

Desc. 15 ft. over SW. slope, through scattering undergrowth.

1.38 Dry wash, 15 lks. wide, 5 ft. deep, course SE.; asc. 158 ft. over NE. slope.

4.77 The old cor. of secs. 5, 6, 31, and 32, which is a red sandstone, 26 x 10 x 6 ins., firmly set in mound of stone, marked with 5 notches on E. and 1 notch on W. face, with mound of stone W. of cor. Hereafter this cor. will refer to secs. 5 and 6 only and I move mound of stone from W. to S. of cor.

Thence

N. 89° 53' W.

17.80 Ridge, bears N. and S.; desc. 93 ft. over W. slope.

29.60 Dry wash, 15 lks. wide, 3 ft. deep, course SW.; asc. 22 ft. to  $\frac{1}{4}$  cor. over SE. slope.

35.23 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, surrounded by a mound of stone for  $\frac{1}{4}$  cor. of sec. 31 only, with brass cap marked

$\frac{1}{4}$ S 31

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

41.11 The old  $\frac{1}{4}$  sec. cor., which is a red sandstone, 16 x 12 x 6 ins., firmly set in mound of stone, marked  $\frac{1}{4}$  on N. face, with mound of stone N. of cor. Hereafter this cor. will refer to sec. 6 only and I move the mound of stone from N. to S. of cor.

Thence

N. 89° 57' W.

Desc. 60 ft. over SW. slope.

3.60 Dry wash, 20 lks. wide, 10 ft. deep, course S. 20° E.; asc. 93 ft. over E. slope.

8.00 Low ridge, bears N. and S.; desc. 67 ft. over W. slope.

21.70 Dry wash, 15 lks. wide, 5 ft. deep, course S. 10° W.; asc. 97 ft. to Tp. cor.

Resurvey of Part of S. Bdy. of T. 41 S., R. 14 W.

Chains

- 41.17 The cor. of Ts. 41 and 42 S., Rs. 14 and 15 W., which is an iron post, 3 ins. diam., firmly set in mound of stone, marked and witnessed as described by the surveyor general.
- Land, broken hills. Soil, red sand and sandy loam, considerable red sandstone outcropping; 3rd and 4th rate. No timber. Undergrowth, creosote brush, Spanish dagger, and other desert plants. Little grass.
- 
- Retracement of Part of N. Bdy. of T. 41 S., R. 14 W.
- From the standard cor. of secs. 1, 2, 35, and 36. West, bet. secs. 2 and 35.
- 39.88 Fall 3 lks. N. of standard  $\frac{1}{2}$  sec. cor.
- 79.67 Fall 13 lks. N. of standard cor. of secs. 34 and 35. The E. half of this line is S.  $89^{\circ} 57' W.$ , 39.88 chs. and the W. half is S.  $89^{\circ} 51' W.$ , 39.79 chs.
- From the cor. West, along the S. bdy. of sec. 34.
- 40.42 Fall 9 lks. S. of the standard  $\frac{1}{2}$  sec. cor.
- 80.45 Fall 18 lks. S. of the standard cor. of secs. 3, 4, 33, and 34. The E. half of this line is N.  $89^{\circ} 52' W.$ , 40.42 chs., and the W. half is N.  $89^{\circ} 52' W.$ , 40.02 chs.
- From the standard cor. of secs. 4, 5, 32, and 33, West, bet. secs. 5 and 32.
- 39.92 Fall 32 lks. S. of the standard  $\frac{1}{2}$  sec. cor.
- 78.27 Fall 54 lks. S. of the standard cor. of secs. 31 and 32. The E. half of this line is N.  $89^{\circ} 33' W.$ , 39.92 chs., and the W. half is N.  $89^{\circ} 41' W.$ , 38.35 chs.
- From the cor. West, along the south bdy. of sec. 31.
- 40.00 Found no trace of standard  $\frac{1}{2}$  sec. cor.
- 82.49 Fall 21 lks. S. of the standard cor. of T. 40 S. R. 14

Retracement of Part of N. Bdy. of T. 41 S., R. 14 W.

Chains

W. The course of this line is N. 89°51'W.82.49 chs. Thence S.

9.78 The standard cor. of T. 40 S., R. 15 W. Thence W.

14.74 Fall 30 lks. N. of the closing cor. of T. 41 S., Rs. 14 and 15 W. The course of this line is S.88° 50' W.

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Resurvey of Part of Eighth Standard Parallel S., R. 14 W. From the standard cor. of secs. 31 and 32, which is a sandstone, 20 x 16 x 4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general

N. 89° 51' W., along the S. bdy. of sec. 31.

Desc. 15 ft. over W. slope, through heavy timber and dense undergrowth.

.80 Draw, course S. 10° W.; asc. 65 ft. over E. slope.

3.30 Spur, projects S.; desc. 190 ft. over SW. slope.

11.70 Gulch, course S. 50° E.; asc. 275 ft. over NE. slope.

19.60 Spur, projects S. 50° E.; desc. 400 ft. over SW. slope.

32.40 Big Hollow Creek, 6 lks. wide, 3 ins. deep, course SW.; asc. 650 ft. over E. slope.

41.245 Proportional point for restored standard  $\frac{1}{4}$  sec. cor. Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC

15 31

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. No suitable bearing trees available.

52.50 Ridge, bears N. 10° W. and S. 10° E.; desc. 535 ft. over W. slope.

79.80 Yankee Doodle Hollow Creek, 4 lks. wide, 3 ins. deep, course S.; asc. 100 ft. to cor., over E. slope.

82.49 The standard cor. of T. 40 S., R. 14 W., which is a sandstone, 20 x 16 x 8 ins. above ground, firmly set,

Resurvey of Part of Eighth Standard Parallel S.R. 14 W

Chains

marked and witnessed as described by the surveyor general.

Land, mountainous. Soil, stony sandy clay, 3rd rate.

Timber, juniper and pinon pine. Undergrowth oak, manzanita, sagebrush, and other varieties. Good grass.

Retracement of Part of W. Bdy. of T. 41 S.R. 14 W.

From the cor. of secs. 1, 6, 7, and 12,

North bet. Secs. 1 and 6,

39.91 Fall 30 lks. E. of the  $\frac{1}{4}$  sec. cor.

84.45 Fall 29 lks. E. of the closing cor. of T. 41 S.Rs. 14 and 15 W.

Resurvey of Part of W. Bdy. of T. 41 S.R. 14 W.

From the cor. of secs. 1, 6, 7, and 12, which is an iron post 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Knowing from the results of work hereinafter recorded that henceforth this cor. will refer to secs. 1 and 12 only, I obliterate markings on brass cap and bearing trees referring to secs. 6 and 7.

N. 0° 26' W. bet. Secs. 1 and 7,

Over mountainous land; through scattering timber and dense undergrowth.

2.85 Draw course S. 20° E.

7.35 Low ridge bears E. and W.

16.26 Point later determined for closing cor. of secs. 6 and 7. Thence bet. Secs. 1 and 6,

29.50 Gulch course E.

39.91 The old  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. diam., 10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Hereafter this

Resurvey of Part of West Boundary of T. 41 S., R. 14 W.

Chains.

cor. will refer to sec.1 only and I obliterate markings on brass cap and bearing trees referring to sec.6.

Thence N. 0° 1' E.

15.20 Spur, projects SE.

16.35 Set an iron post, 3 ft.long, 1 in.diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  cor.of sec.6 only, with brass cap marked

$\frac{1}{4}$  S 6  
1918

and raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft.high E. of cor. No bearing trees available.

21.50 Ravine, course E

30.60 Spur, projects SE.

44.54 The closing cor.of T. 41 S., Rs. 14 and 15 W., which is an iron post, 3 ins.diam., 20 ins.above ground, firmly set in mound of stone, marked and witnessed as described by the surveyor general.

Land mountainous. Soil, stony sandy clay, 3rd rate. Timber, juniper and pinon pine. Undergrowth oak, sagebrush and other varieties. Fair grass.

Retracement of Subdivision of T. 41 S.R. 14 W.

From the cor.of secs.34 and 35 on S. bdy. of Tp. North bet. secs.34 and 35,

40.00 Find no trace of  $\frac{1}{4}$  sec.cor.

81.27 Fall 2.51 chs. E. of the old cor.of secs.26,27,34, and 35. This line is N. 1° 46' W. 81.31 chs.

North bet. Secs.26 and 27

40.00 Find no trace of  $\frac{1}{4}$  sec.cor.

57.56 Fall 7.17 chs. W. of the cor.of secs.22,23, 26, and 27.

Retracement of Subdivisions of T. 41 S., R. 14 W.

Chains

This line is N.  $4^{\circ} 41'$  E., 87.85 chs.

-----  
 East, bet. secs. 23 and 26.

40.00 Find no trace of  $\frac{1}{4}$  sec. cor.

80.00 Find no trace of cor. of secs. 23, 24, 25, and 26.  
 Set temp. pt. for cor.  
 Thence

North, on a blank line.

40.00 Find no trace of  $\frac{1}{4}$  cor. of secs. 23 and 24.

80.00 Find no trace of cor. of secs. 13, 14, 23, and 24.

120.60 Fall 5 lks. E. of the  $\frac{1}{2}$  cor. of secs. 13 and 14.

-----  
 From the cor. of secs. 24 and 25, on E. bdy. of Tp.  
 S.  $89^{\circ} 45'$  W., bet. secs. 24 and 25.

40.15 Find no trace of  $\frac{1}{4}$  sec. cor.

81.19 Fall 3.71 chs. S. of temp. pt. 80.00 chs. E. of cor. of  
 secs. 22, 23, 26, and 27.

-----  
 From the cor. of secs. 22, 23, 26, and 27.

West, bet. secs. 22 and 27.

40.00 Find no trace of  $\frac{1}{4}$  sec. cor.

-----  
 From the cor. of secs. 22, 23, 26, and 27.

North, bet. secs. 22 and 23.

40.00 Find no trace of  $\frac{1}{4}$  sec. cor.

79.72 Fall 96 lks. E. of the cor. of secs. 14, 15, 22, and 23.  
 This line is N.  $0^{\circ} 41'$  W., 79.72 chs.

-----  
 North, bet. secs. 14 and 15.

40.00 Find no trace of  $\frac{1}{4}$  sec. cor.

80.00 Find no trace of cor. of secs. 10, 11, 14, and 15.

-----  
 From the cor. of secs. 11, 12, 13, and 14.

S.  $89^{\circ} 47'$  W., bet. secs. 11 and 14.

39.42 Fall 7 lks. S. of the  $\frac{1}{4}$  sec. cor. True course S.  $89^{\circ}$   
 $53'$  W.

-----  
 From the cor.

Retracement of Subdivisions of T. 41 S., R. 14 W.

Chains

S.  $89^{\circ} 47'$  W.

40.20 Field note position for cor. of secs. 10, 11, 14, and 15, referring from  $\frac{1}{4}$  cor. of secs. 11 and 14. A point 80.00 chs. N. of cor. of secs. 14, 15, 22, and 23, bears S., 63 lks., and W., 162 lks. dist. Proportional point for restored cor. bears S., 21 lks., and W., 54 lks. dist., making this  $\frac{1}{2}$  mile S.  $89^{\circ} 29'$  W., 40.74 chs., and the line bet. secs. 14 and 15 N.  $0^{\circ} 46'$  E., 80.42 chs.

-----  
 From the cor. of secs. 11, 12, 13, and 14.

North, bet. secs. 11 and 12.

43.94 Fall 27 lks. W. of the  $\frac{1}{4}$  sec. cor.

This  $\frac{1}{2}$  mile is N.  $0^{\circ} 21'$  E., 43.94 chs.

From the cor.

North.

40.00 Find no trace of cor. of secs. 1, 2, 11, and 12. Set temp. pt.

-----  
 From the cor. of secs. 1, 6, 7, and 12, on E. bdy. of Tp.

N.  $89^{\circ} 47'$  W., bet. secs. 1 and 12.

40.00 Find no trace of  $\frac{1}{4}$  sec. cor.

80.00 Field note position for cor. of secs. 1, 2, 11, and 12, referring from cor. of secs. 1, 6, 7, and 12. Temp. pt. bears N., 2.65 chs., E., 12 lks. dist.

-----  
 From the standard cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp.

South, bet. secs. 1 and 2.

40.00 Find no trace of  $\frac{1}{4}$  sec. cor.

80.00 Field note position for cor. of secs. 1, 2, 11, and 12, referring from standard cor. of secs. 1, 2, 35, and 36. Temp. pt. bears W., 25 lks., N., 7 lks. dist.

As the restoration of the lost cor. of secs. 1, 2, 11, and 12 at the intersection of coordinates from the

Retracement of Subdivisions of T. 41 S., R. 14 W.

Chains

proportional points of latitudinal and meridional control, as prescribed in the manual, would result in considerable distortion, I reestablish it by the centroid method as follows:

Proportional point between N. and E. controls, which are of equal weight, is established at the mid-point, which is S., 1.26 chs., E.,  $6\frac{1}{2}$  lks. from temp. pt. Proportional point for cor. is then established at the mid-point between the S. control and the combined N. and E. controls, S., 68 lks., E.,  $3\frac{1}{2}$  lks. dist. from temp. pt., the S. control being equivalent to the combined N. and E. controls. This makes the N.  $\frac{1}{2}$  mile bet. secs. 11 and 12, N.  $0^{\circ} 3' E.$ , 39.32 chs., the line bet. secs. 1 and 12, N.  $88^{\circ} 22' W.$ , 79.88 chs., and the line bet. secs. 1 and 2, S.  $0^{\circ} 9' W.$ , 80.61 chs.

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From the cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp.

North, bet. secs. 33 and 34.

40.14 Fall 15 lks. W. of old  $\frac{1}{4}$  sec. cor.

80.55 Fall 48 lks. E. of cor. of secs. 27, 28, 33, and 34.

The old  $\frac{1}{4}$  sec. cor. was later shown to have been moved from its original position, which point could not be determined, so cor. was restored at mid-point for the mile.

This line is N.  $0^{\circ} 21' W.$ , 80.55 chs.

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East, bet. secs. 27 and 34.

40.42 Fall 40 lks. S. of  $\frac{1}{4}$  sec. cor.

80.70 Fall 85 lks. S. of the cor. of secs. 26, 27, 34, and 35.

The old  $\frac{1}{4}$  sec. cor. was later shown to have been moved from its original position, which point could not be determined, so cor. was restored at mid-point for the mile.

This line is S.  $89^{\circ} 23' W.$ , 80.70 chs.

Retracement of Subdivisions of T. 41 S., R. 14 W.

Chains

From the standard cor. of secs. 3, 4, 23, and 24, on N. bdy. of Tp.

South, bet. secs. 3 and 4.

39.95 Fall 29 lks. E. of  $\frac{1}{4}$  sec. cor.

80.00 Find no trace of cor. of secs. 2, 4, 9, and 10. 5 lks. N. and 29 lks. W. ( 40.00 chs. S. of  $\frac{1}{4}$  sec. cor. ) set temp. pt.

The N.  $\frac{1}{2}$  mile is S.  $0^{\circ} 25' W.$ , 39.95 chs.

-----  
From the standard cor. of secs. 4, 5, 22, and 23.

South, bet. secs. 4 and 5.

37.97 Fall 17 lks. W. of the  $\frac{1}{4}$  sec. cor.

77.96 Fall 15 lks. W. of the cor. of secs. 4, 5, 8, and 9.

The N.  $\frac{1}{2}$  of this line is S.  $0^{\circ} 15' E.$ , 37.97 chs., and the S.  $\frac{1}{2}$  is N.  $0^{\circ} 2' W.$ , 39.99 chs.

-----  
S.  $89^{\circ} 58' E.$ , bet. secs. 4 and 9.

40.28 Fall 8 lks. S. of the  $\frac{1}{4}$  sec. cor.

The  $\frac{1}{2}$  mile is N.  $89^{\circ} 55' E.$ , 40.28 chs.

From the  $\frac{1}{4}$  sec. cor.

S.  $89^{\circ} 58' E.$

40.03 Temp. pt. 40.00 S. of  $\frac{1}{4}$  cor. of secs. 3 and 4 bears S. 2.06 chs., W., 57 lks. dist. Point for restored cor. of secs. 3, 4, 9, and 10 falls mid-way, which is S., 1.03 chs., W.,  $28\frac{1}{2}$  lks. This makes the E.  $\frac{1}{2}$  mile bet. secs. 4 and 9 S.  $88^{\circ} 29' E.$ , 39.76 chs., and the S.  $\frac{1}{2}$  mile bet. secs. 3 and 4, S.  $0^{\circ} 25' E.$ , 38.97 chs.

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Resurvey of Subdivisions of T. 41 S., R. 14 W.

From the cor. of secs. 34 and 35, on S. bdy. of Tp., which is hereinbefore described.

N.  $1^{\circ} 46' W.$ , bet. secs. 34 and 35.

Asc. 615 ft. over very broken SE. slope.

12.60 Irrigating ditch, course S.  $40^{\circ} W.$

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

21.60 Begin abrupt ascent of SE. face of reef or rim.

36.50 Top of black reef, edge bears NE. and SW.; desc. 180 ft. to sec. cor., over gradual NW. slope.

39.94 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  cor. of sec. 35 only, with brass cap marked  $\frac{1}{2}$ S 35.

40.65 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. to bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  cor. of sec. 34 only, with brass cap marked  $\frac{1}{2}$ S 34.

58.00 Gulch, course S. 60° W.

79.88 At intersection with true line run W. from cor. of secs. 25, 26, 35, and 36. Set an iron post, 3 ft. long, 2 ins. diam., on bed rock surrounded by a mound of stone, for cor. of secs. 26 and 35 only, with brass cap marked T 41 S S 26 S 35 1919 14 W 1919.

81.31 The old cor. of secs. 26, 27, 34, and 35, which is a sandstone, 15 x 12 x 6 ins., set in small mound of stone, marked and witnessed as described by the surveyor general. Hereafter this cor. will refer to secs. 27 and 34 only and alongside of stone. Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for cor. of

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

secs. 27 and 34 only, with brass cap marked

T 41 S

S 27

S 34

R 14 W

1918.

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous. Soil, all colors and textures, much sandstone and lava outcrop; 4th rate. No timber. Undergrowth, creosote brush, shadscale, and other varieties. Little or no grass.

N.  $4^{\circ} 41'$  E., bet. secs. 26 and 27.

Desc. 100 ft. to  $\frac{1}{4}$  sec. cor., over rolling and broken N. slope.

24.60 Old telephone line, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.

34.85 Dry wash, 20 lks. wide, course E.

38.70 Set a black granite stone, 24 x 20 x 9 ins., 18 ins. in the ground, for  $\frac{1}{4}$  cor. of sec. 26 only, marked  $\frac{1}{4}$  on E. face, and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

Note: No iron post was available.

43.92 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  cor. of sec. 27 only, with brass cap marked

$\frac{1}{4}$ S 27

1919

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

45.00 Road, from St. George to Lund, bears N.  $30^{\circ}$  E., and S.  $30^{\circ}$  W.

45.60 New telephone line, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.

54.00 Cottonwood Wash, 1 ch. wide, 10 ft. deep, course N.  $40^{\circ}$  E., water in holes, 130 ft. below  $\frac{1}{4}$  cor.; asc. 32 ft. over S. slope.

68.60 Stone wall on low ridge, bears E. and W.; desc. 40 ft.

Resurvey of Subdivisions of T. 41 S., R. 14 W.

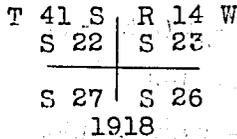
Chains

over N. slope.

74.80 Dry wash, 40 lks. wide, 3 ft. deep, course E.; asc. 30 ft. over S. slope.

83.90 Low ridge, bears E. and W.; desc. 30 ft. to sec. cor., over N. slope.

87.85 The old cor. of secs. 22, 23, 26, and 27, which is a white sandstone, 12 x 10 x 8 ins., firmly set in mound of stone, marked and witnessed as described by the surveyor general. Alongside of stone Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, surrounded by a mound of stone, for cor. of secs. 22, 23, 26, and 27, with brass cap marked



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and broken. Soil, red sandy and clay loam; 3rd and 4th rate. Creosote brush, shadscale, and other varieties of desert undergrowth. Very little grass. No timber.

As the restoration of the lost cor. of secs. 23, 24, 25, and 26 at the intersection of coordinates from the proportional points of latitudinal and meridional control, as prescribed in the manual, would result in considerable distortion of areas, I restore it by the centroid method as follows:

Let A represent a point at record course and distance from the cor. of secs. 22, 23, 26, and 27; B, at record course and distance from the cor. of secs. 24 and 25, on E. bdy.; C, at record course and distance from the cor. of secs. 13 and 14. A and B have a weight of 1 each, C a weight of 2/3 (inverse of 1½). P1 represents the proportional point between A and B; P2, the proportional point between P1 and C, and the

Chains

point for restored cor.

B is 3.71 chs. S., 89 lks. E. of A; C is 60 lks. N., 5 lks. W. of A.

A and B having equal weights, P1 falls mid-way or  $1.85\frac{1}{2}$  chs. S.,  $44\frac{1}{2}$  lks. E. of A., and  $2.45\frac{1}{2}$  chs. S.,  $49\frac{1}{2}$  lks. E. of C. P1 has the combined weights of A and B, which is 2.

Let x = latitude from C to P2.

y = departure from C to P2.

$$\text{then } \frac{2}{3} x = 2(245\frac{1}{2} - x)$$

$$\text{whence } x = 184$$

$$\text{and } \frac{2}{3} y = 2(49\frac{1}{2} - y)$$

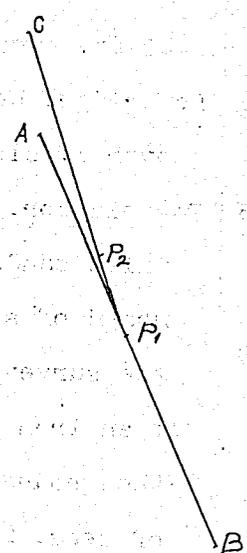
$$\text{whence } y = 37$$

As the temporary reference point at A is 5 lks. E., 60 lks. S. of C.; P2 is 124 lks. S., 32 lks. E. of A. This makes the line bet. secs. 23 and 26 N.  $89^{\circ} 07'$  W., 80.33 chs.; and as the temp. reference point at B is 94 lks. E. 431 lks. S. of C, P2 is 57 lks. W. 247 lks. N. of B. This makes the line bet. secs. 24 and 25 N.  $88^{\circ} 30'$  W. 80.90 chs.

From the cor. of secs. 24 and 25, on E. bdy. of Tp. N.  $88^{\circ} 30'$  W., bet. secs. 24 and 25.

Asc. 190 ft. over broken SE. slope, through scattering undergrowth.

- 14.70 Spur, projects S.; desc. 190 ft. over SW. slope.
- 21.10 Gulch, course S.  $5^{\circ}$  W.; asc. 70 ft. over E. slope.
- 25.20 Spur, projects S.; desc. 80 ft. over W. slope.
- 27.20 Gulch, course S.  $5^{\circ}$  E.; asc. 405 ft. over E. slope.
- 40.45 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, surrounded by a mound of stone, for restored  $\frac{1}{2}$  cor. of sec. 24 only, with brass cap marked



Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

40.89 Set a black volcanic stone, 18 x 10 x 8 ins., 12 ins. in the ground, for  $\frac{1}{4}$  cor. of sec. 25 only, marked  $\frac{1}{4}$  on S. face, and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor. No iron post available.

48.20 Ridge, bears N. and S.; desc. 675 ft. to sec. cor., over broken SW. slope.

80.90 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for restored cor. of secs. 23, 24, 25, and 26, with brass cap marked

T 41 S	R 14 W
S 27	S 24
S 26	S 25
1918	

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous. Soil, very rocky, all colors and textures; 4th rate. No timber. Scattering creosote and other varieties of desert brush. No grass.

N.  $89^{\circ} 07'$  W., bet. secs. 27 and 26.

Desc. 135 ft. over rough broken SW. slope, through few scattering junipers.

10.00 Dry wash, 20 lks. wide, 8 ft. deep, course N.  $70^{\circ}$  W.

13.30 Same wash, course S.  $40^{\circ}$  W.

22.30 Harrisburg Creek, 8 lks. wide, 4 ins. deep, course S.; asc. 360 ft. over NE. slope.

23.90 Road, Harrisburg to Hurricane, bears N.  $5^{\circ}$  E. and S.

25.10 Old stone wall, bears N.  $10^{\circ}$  E. and S.  $10^{\circ}$  W.

25.50 Irrigating ditch, 10 lks. wide, 1 ft. deep, course S.

37.00 Ridge, bears N. and S.; desc. 295 ft. over NW. slope.

40.16 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for restored  $\frac{1}{4}$  sec. cor., with brass cap marked

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

S 23  
S 26

1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

54.20 Cottonwood Canyon, water in holes, course N. 5° E.; asc. 65 ft. to sec. cor., over broken E. slope; leave scattering junipers.

58.55 Old telephone line, bears N. 10° E. and S. 10° W.

61.15 State road, St. George to Lund, bears N. 10° E. and S. 10° W.

62.25 New telephone, bears N. 10° E., and S. 10° W.

65.80 Dry wash, 30 lks. wide, 3 ft. deep, course N. 80° E.

70.30 Same wash, course S. 80° E.

80.33 The cor. of secs. 22, 23, 26, and 27.

Land, mountainous and broken. Soil, rocky sandy loam; 4th rate. Few scattering junipers. Undergrowth, creosote, oak, and other varieties of desert brush. very little grass.

N. 0° 41' W., bet. secs. 22 and 23.

Desc. 15 ft. over NE. slope, through scattering undergrowth.

2.00 Dry wash, 30 lks. wide, 3 ft. deep, course S. 30° E.

10.20 Low ridge, 70 ft. above wash, bears N. 30° W. and S. 30° E.; desc. 20 ft. along E. slope.

24.40 Low ridge, bears N. 20° E. and S. 20° W.; desc. 60 ft. over NW. slope.

36.00 Dry wash, 40 lks. wide, 4 ft. deep, course E.; asc. 90 ft. over SE. slope.

39.86 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for restored 1/2 sec. cor., with brass cap marked

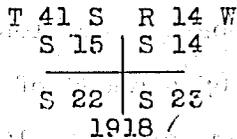
S 22 | S 23

1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

Resurvey of Subdivisions of T. 41 S., R. 14 W.

- Chains W. of cor.
- 49.60 Low ridge, bears N. 20° E. and S. 20° W.; desc. 50 ft. over NW. slope.
- 55.80 Dry wash, 20 lks. wide, 5 ft. deep, course N. 30° E.; asc. 30 ft. to sec. cor.
- 79.72 The cor. of secs. 14, 15, 22, and 23, which is a granite stone, 22 x 9 x 6 ins., lying on the ground, marked with 2 and 3 notches. Alongside of stone Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

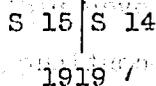


No rock available for mound. Pits impracticable. Land, rolling and broken hills. Soil, red and gray sandy and clay loam; 3rd and 4th rate. Undergrowth, creosote brush, shadscale and other varieties. Very little grass. No timber

N. 0° 46' E., bet. secs. 14 and 15.

Over very choppy and broken E. slope, through dense undergrowth about 4 ft. high.

- 20.70 Dry wash, 10 lks. wide, 6 ft. deep, course N. 60° E.
- 24.50 Short low ridge, bears N. 50° E. and S. 50° W.
- 40.21 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to underlying rock, surrounded by a mound of stone, for restored  $\frac{1}{2}$  sec. cor., with brass cap marked



and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.

- 41.60 Point of small spur, projects E.; desc. 60 ft. over NE. slope.
- 48.80 Harrisburg Creek, 10 lks. wide, 3 ins. deep, course S.

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains 20° E.; asc. 225 ft. to sec. cor., over broken SE. slope; enter few scattering junipers.

55.62 Foot of impassable red sandstone ledges, bearing NE. and SW.

To pass the ledges I offset as follows:

East 5.80 chs.

N. 0° 46' E. 23.37 chs.

West 5.80 chs. to the line bet. secs. 14 and 15 at

80.00 Thence, N. 0° 46' E.

80.22 The true point for the cor. of secs. 10, 11, 14, and 15, falling on a steep sloping sandstone ledge,

Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for witness cor. to restored cor. of secs. 10, 11, 14, and 15, with brass cap marked

WC			
T 41 S	R 14 W		
S 10	S 11		
-----			
S 15	S 14		
1918			

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

80.42 True point for restored cor. of secs. 10, 11, 14, and 15, on steeply sloping sandstone ledge, impossible to set cor. securely.

Land, hilly and mountainous. Soil, red sandy loam; 4th rate, north 25 chs. barren sandstone ledges. Few scattering junipers. Undergrowth, creosote brush, shadescale, and other unknown varieties. Little grass.

-----  
N. 89° 29' E., bet. secs. 11 and 14.

Desc. 170 ft. over red sandstone ledges.

1.40 Foot of ledges, continue to desc. over broken SE. slope.

7.40 Gulch, course S. 50° W.; asc. 185 ft. over W. slope.

17.40 Low ridge, bears N. 30° E., and S. 40° W.; desc. 140 ft. over broken SE. slope.

30.40 Dry wash, 12 lks. wide, 2 ft. deep, course S.

37.60 Dry wash, 15 lks. wide, course S. 40° W.; asc. 65 ft.

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

over SW. slope.

40.74 The old  $\frac{1}{2}$  sec. cor., which is a conglomerate stone, 12 x 8 x 5 ins., firmly set in mound of stone, marked  $\frac{1}{2}$  on N. face. Alongside of stone

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S 11  
 $\frac{1}{2}$  S 14

1919

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of Cor.

Thence,

N. 89° 53' E.

3.60 Top of asc.; thence over rolling S. slope.

15.30 Road, bears N. 30° E. and S. 15° W.

15.60 Desc. 55 ft. to creek, over SE. slope.

21.30 Quail Creek, 3 lks. wide, 3 ins. deep, course S. 20° W.; asc. 97 ft. over NW. slope.

27.66 Top of Silver Reef, bears N. 10° E. and S. 20° W.; desc. 107 ft. over E. slope.

36.70 Creek, 8 lks. wide, 3 ins. deep, course S.

37.63 Creek, 10 lks. wide, 6 ins. deep, course S. 30° W.; asc. 15 ft. to sec. cor.

39.42 The cor. of secs. 11, 12, 13, and 14, which is a yellow sandstone, 12 x 8 x 5 ins., firmly set in mound of stone, marked and witnessed as described by the surveyor general.

Land, hilly and mountainous. Soil, stony red and brown sandy loam; 3rd and 4th rate. Few scattering junipers. Undergrowth, oak, manzanita, and creosote brush. Very little grass.

N. 0° 21' E., bet. secs. 11 and 12.

Desc. 10 ft. over NW. slope, through scattering undergrowth.

1.40 Creek, 25 lks. wide, 3 ins. deep, course S. 30° W.

## Resurvey of Subdivisions of T. 41 S., R. 14 W.

## Chains

- 5.30 Creek, 20 lks. wide, 2 ins. deep, course S.; asc. 165 ft. over SE. slope.
- 13.27 Top of Silver Reef, bears N. 20° E. and S. 25° W.; desc. 100 ft. over NW. slope.
- 25.00 Quail Creek, 2 lks. wide, 2 ins. deep, course S. 30° W. asc. 65 ft. to sec. cor. over broken E. slope.
- 32.10 Quail Creek, course S. 10° E.
- 39.70 Quail Creek, course S. 5° W.
- 43.94 The  $\frac{1}{4}$  sec. cor., which is a granite stone, 24 x 14 x 8 ins., firmly set in large mound of stone, marked  $\frac{1}{4}$  on W. face.

Thence,

N. 0° 3' E.

- 10.08 Road, bears N. 20° E. and S. 30° W.
- 35.52 At intersection with a line run east bet. secs. 2 and 11 from the cor. of secs. 2 and 11, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2 and 11 only, with brass cap marked

T 41 S

S 2

S 11

R 14 W

1919

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

- 39.32 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for restored cor. of secs. 1 and 12 only, with brass cap marked

T 41 S

S 1

S 12

R 14 W

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor.

Land, hilly and mountainous. Soil, stony sandy loam; 3rd rate. Few scattering junipers. Undergrowth, oak, creosote brush, and shadscale. Little grass.

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

N. 0° 9' E., bet. secs. 1 and 2.

Impassable cliffs prevent chaining on line and to pass cliffs offset as follows:

West 12.36 chs.

N. 0° 9' E. 25.36 chs.

East 12.36 chs. to a point on line bet. secs. 1

and 2;

25.36 Top of cliffs and ridge, bearing N. 30° E. and S. 30°

W., 595 ft. above cor.; desc. 150 ft. over gradual

NW. slope; through scattering junipers and dense

undergrowth.

36.20 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{2}$  cor. of sec. 2 only, with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

40.30 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for restored  $\frac{1}{2}$  cor. of sec. 1 only, with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

53.80 Dry wash, 20 lks. wide, 10 ft. deep, course E.; asc. 120 ft. to sec. cor. over S. slope.

80.61 The standard cor. of secs. 1, 2, 35, and 36, which is a red sandstone, 20 x 12 x 5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Land, mountainous. Soil, stony red sandy loam; 3rd rate, south 20 chs. barren red sandstone cliffs. Scattering junipers. Undergrowth, sagebrush, oak, and manzanita. Good grass.

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains Fram the cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp., hereinbefore described,

N. 0° 21' W., bet. secs. 33 and 34.

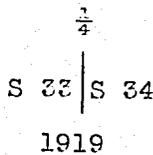
Asc. slightly over rolling bench land, through scattering undergrowth.

5.70 State road, St. George to Lund, bears N. 50° E., S. 50° W.

6.05 New telephone line, bears N. 50° E. and S. 50° W.

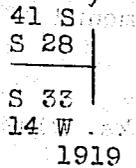
10.15 Old telephone line, bears N. 50° E. and S. 50° W.

40.27 1/4 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for restored 1/4 sec. cor., with the old marked stone, a sandstone, 16 x 12 x 6 ins., marked 1/4 on one face, set alongside, and with brass cap marked



and digapits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.

79.57 At intersection with line run east from the cor. of secs. 28, 29, 32, and 33, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28 and 33 only, with brass cap marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.55 The old cor. of secs. 27, 28, 33, and 34, which is a quartzite stone, 10 x 8 x 8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Alongside of stone, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27 and 34 only, with brass cap marked

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

T 41 S  
S 27

S 34

R 14 W  
1918

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
E. of cor.

Land, rolling bench. Soil, brown sandy loam; 2nd rate.  
Undergrowth, creosote brush and shadscale. Some  
grass. No timber.

N. 89° 23' E., bet. secs. 27 and 34.

Desc. slightly over gentle SE. slope, through scatter-  
ing undergrowth.

20.20 Road, bears N. 30° W. and S. 30° E.

40.12 Wire fence, bears N. and S.; enter cultivated land.

40.35 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

the ground, for restored ½ sec. cor., with the old  
marked stone, a red sandstone, 18 x 10 x 3 ins., set  
alongside, and with brass cap marked

S 27

S 34

1918

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.

53.60 Wire fence, bears N. 60° W. and S. 60° E.; leave

cultivated land.

61.00 New telephone line, bears N. 30° E. and S. 30° W.

62.20 State road, St. George to Lund, bears N. 30° E. and  
S. 30° W.

64.80 Old telephone line, bears N. 30° E. and S. 30° W.

77.70 Base of reef, bears N. 30° E. and S. 30° W.; asc. 40 ft.

80.70 The cor. of secs. 27 and 34, hereinbefore described.

Land, rolling bench. Soil, red sandy and clay loam;  
2nd and 3rd rate. Undergrowth, creosote brush and  
shadscale. Little grass. No timber.

From the standard cor. of secs. 3, 4, 33, and 34, on

N. bdy. of Tp., which is a sandstone, 10 x 10 x 6

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

ins. above ground, firmly set, marked and witnessed as described by the surveyor general,

S. 0° 25' W., bet. secs 3 and 4.

Desc. 292 ft. over broken SE. slope, through scattering timber and dense undergrowth.

18.60 Gulch from NE. turns to SE.; asc. 17 ft. over NE. slope.

20.00 Top of asc., desc. 150 ft. to  $\frac{1}{2}$  sec. cor.

21.60 Same gulch, course SW.

28.60 Same gulch, course SE.

38.92 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  cor. of sec. 3 only, with brass cap marked

|  $\frac{1}{2}$ S 3

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor.

39.95 The old  $\frac{1}{2}$  sec. cor., which is a red sandstone, 20 x 8 x 6 ins., firmly set in mound of stone, marked and witnessed as described by the surveyor general. Hereafter this cor. will refer to sec. 4 only.

Thence

S. 0° 25' E.

1.25 Same gulch, 45 ft. below cor., course SW.; asc. 130 ft. over NW. slope.

5.55 Spur, projects W.; desc. 170 ft. over SW. slope.

17.45 Same gulch, course SE.

19.15 Same gulch, course SW.; asc. 165 ft. over NW. slope.

24.45 Spur, projects W.; desc. 180 ft. over S. slope.

30.55 Gulch, course W.; asc. 220 ft. over N. slope.

36.15 Spur, projects W.; desc. 175 ft. to sec. cor., over S. slope.

39.97 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for restored cor. of secs. 3 and 4 only, with brass cap marked

T 41 S R 14 W  
S 4 | S 3

1918

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor.

Land, mountainous. Soil, red stony sandy loam; 4th  
rate, much barren sandstone. Scattering juniper and  
pinon pine timber. Undergrowth, oak, manzanita, and  
sagebrush. Fair grass.

N. 88° 29' W., bet. secs. 4 and 10.

Desc. 120 ft. over SW. slope, through scattering  
timber and undergrowth.

6.40 Gulch, course S. 30° E.; asc. 80 ft. over E. slope.

8.36 At intersection of line bet. secs. 9 and 10.

Set an iron post, 3 ft. long, 2 ins. diam., on bed  
rock, surrounded by a mound of stone, for cor. of  
secs. 9 and 10 only, with brass cap marked

T 41 S | R 14 W  
S 9 | S 10  
1919

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
S. of cor.

Thence, bet. secs. 4 and 9 N. 88° 29' W.

9.00 Spur, projects SE.; desc. 70 ft. over SW. slope.

12.00 Harrisburg Creek, 8 lks. wide, 6 ins. deep, course SE.;  
asc. 715 ft. over broken E. slope.

29.00 Edge of bench, bears N. and S.; thence over rolling  
bench.

39.76 The old 1/2 sec. cor., which is a gray sandstone, 12 x 9  
x 4 ins. above ground, firmly set, marked and witness-  
ed as described by the surveyor general. Hereafter  
this cor. will refer to sec. 4 only and I obliterate  
markings on bearing tree referring to sec. 9.

Thence,

S. 89° 55' W.

8.572 At mid-point of the N. bdy. of sec. 9.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in  
the ground, for 1/2 cor. of sec. 9 only, with brass  
cap marked

Resurvey of Subdivisions of T. 41 S., R. 14 W.

Chains

$\frac{1}{2}$ S 9

1918

from which

A pinon pine, 9 ins. diam., bears N. 1° W., 54 lks. dist., mkd.  $\frac{1}{4}$  S 9 B T.

40.28 The old cor. of secs. 4, 5, 8, and 9, which is a granite stone, 17 x 14 x 6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general except SE. bearing tree missing. Hereafter this cor. will refer to secs. 4 and 5 only and I obliterate markings on SW. bearing tree and move mound of stone from W. to N. of cor.

Land, rolling and mountainous. Soil, stony red sandy and clay loam; 2nd and 3rd rate. Scattering juniper and pinon pine timber. Undergrowth, oak, manzanita, and sagebrush. Good grass.

N. 0° 2' E., bet. secs. 4 and 5.  
Asc. 175 ft. to  $\frac{1}{4}$  sec. cor., over broken S. slope, through scattering timber and dense undergrowth.

3.70 Road, bears E. and NW.

9.40 Road, bears E. and W.

39.99 The  $\frac{1}{4}$  sec. cor., which is a sandstone, 16 x 10 x 8 ins., firmly set in mound of stone, marked and witnessed as described by the surveyor general.

Thence,  
N. 0° 15' W.

Asc. 145 ft. to standard sec. cor., over broken SW. slope.

37.97 The standard cor. of secs. 4, 5, 32, and 33, hereinbefore described.

Land, rolling mountainous. Soil, stony sandy loam; 3rd rate. Scattering juniper and pinon pine timber. Undergrowth, oak, manzanita, and sagebrush. Good grass.

Subdivisions of T. 41 S., R. 14 W.

Chains

The true point for cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp. falls in channel of Virgin River, therefore I offset as follows:

West 4.45 chs.

North 15.74 chs.

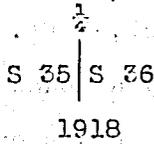
East 4.45 chs. to a point on line bet. secs. 35 and 36 at

15.74 Right bank of Virgin River, bears NE. and S. Thence, North, bet. secs. 35 and 36.

Asc. 470 ft. over SE. slope, through scattering undergrowth.

23.00 Road, St. George to Hurricane, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked

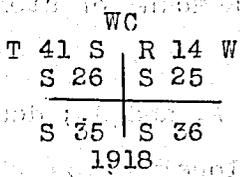


and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

52.50 Ridge, bears NE. and SW.; desc. 320 ft. to sec. cor., over NW. slope.

78.68 Knowing that the true point for the cor. of secs. 25, 26, 35, and 36 falls in creek, at this point which is at a safe distance,

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. of secs. 25, 26, 35, and 36, with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

80.00 Middle of Harrisburg Creek, 15 lks. wide, 3 ins. deep, course S. 30° E. Point for cor. secs. 25, 26, 35 & 36, cor. not set.

Subdivisions of T. 41 S., R. 14 W.

Chains

Land, mountainous and broken. Soil, stony sandy loam; 4th rate, much barren sandstone. Scattering cottonwoods along Virgin River and Harrisburg Creek. Undergrowth, creosote brush and shadscale. Very little grass.

✓  
East, on random for distance bet. secs. 25 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.55 The cor. of secs. 25 and 36, on E. bdy. of Tp., hereinbefore described.

Thence

✓  
West, on a true line bet. secs. 25 and 36. Desc. over rolling land, thru scattering undergrowth.

4.75 Old stone wall, bears N. 20° W. and S. 20° E.  
16.85 East edge of water in Virgin River, flows S.  
19.25 West edge of water in Virgin River.; bed of river 65 ft. below cor.; asc. 280 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  cor. of sec. 36 only, with brass cap marked

$\frac{1}{2}$ S 36

1919 /

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.

40.55 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  cor. of sec. 25 only, with brass cap marked

$\frac{1}{4}$ S 25

1919 /

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

56.35 Ridge, bears N. and S.; desc. 370 ft. to sec. cor., over SW. slope

74.25 Road, Harrisburg to Hurricane, bears NW. and SE.

80.55 True point for cor. of secs. 25, 26, 35, and 36, in creek.

Subdivisions of T. 41 S., R. 14 W.

Chains Land; mountainous and broken. Soil, stony sandy loam; 3rd and 4th rate. Scattering cottonwoods along creek and river. Undergrowth, creosote brush and shadscale. Very little grass.

-----  
West, on a true line bet. secs. 26 and 35.

Asc. gradually over broken E. slope, through scattering undergrowth.

33.61 Irrigating ditch, course S.; begin steeper ascent.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to underlying rock, surrounded by a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

-----  
S. 26

$\frac{1}{4}$

-----  
S. 25

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor. of sec. 25.

60.00 Begin abrupt ascent of E. face of black reef.

69.50 Edge of black reef, bears N.  $5^\circ$  E. and S.  $5^\circ$  W., 575 ft. above sec. cor.; desc. 255 ft. to sec. cor., over W. slope.

87.11 The cor. of secs. 26 and 35, hereinbefore described.

Land, mountainous. Soil, stony sandy loam; 4th rate, much barren sandstone and clay banks. Undergrowth, creosote brush and shadscale. Very little grass. No timber.

-----  
From true point for cor. of secs. 25, 26, 35, and 36.

North, on a random line bet. secs. 25 and 26.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

87.84 Fall 13 lks. W. of the cor. of secs. 22, 24, 25, and 26, hereinbefore described.

Thence

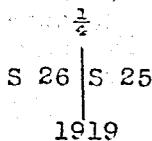
S.  $0^\circ 5'$  W., on a true line bet. secs. 25 and 26.

Desc. 120 ft. to  $\frac{1}{4}$  sec. cor., over broken SW. slope, through scattering undergrowth.

47.84 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

Subdivisions of T. 41 S., R. 14 W.

Chains the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Desc. 30 ft. to sec. cor., over broken SW. slope.

82.83 Road, Harrisburg to Hurricane, bears N. 20° W. and S. 20° E.

87.84 True point for cor. of secs. 25, 26, 35, and 36.

Land, broken clay hills. Soil, gray or white clay; 4th rate. Very little vegetation of any kind. No timber.

-----  
From true point for cor., 20 lks. N. of witness cor. of secs. 10, 11, 14, and 15, hereinbefore described. Impassable sandstone cliffs prevent chaining or projection of line bet. secs. 10 and 11. To pass cliffs I traverse as follows:

N. 62° E. 21.36 chs.

N. 31 $\frac{1}{2}$ ° E. 26.77 "

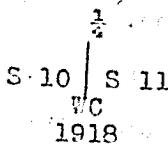
N. 31° W. 9.01 "

West 28.21 " to a point on line bet. secs.

40.00 10 and 11; thence, S. 0° 1' E., 33 lks. Point for  $\frac{1}{4}$  sec. cor. inaccessible.

40.25 Top of steeply sloping sandstone ledge, seeing that true point for  $\frac{1}{4}$  sec. cor. is inaccessible,

Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  $\frac{1}{4}$  cor. stands 600 ft. above sec. cor.

Thence, N. 0° 1' W., bet. secs. 10 and 11.

Asc. 130 ft. over broken SE. slope, through scattering timber and undergrowth.

Subdivisions of T. 41 S., R. 14 W.

Chains

- 46.30 Ridge, from S. 10° W. turns to NW.; desc. 290 ft. over NE. slope.
- 56.80 Foot of desc., asc. 235 ft. over SE. slope.
- 77.70 Top of ascent, desc. 50 ft. to sec. cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for cor. of secs. 2 and 11 only, with brass cap marked

T 41 S /  
 S 2  
 |  
 S 11  
 R 14 W  
 1918 /

and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, extremely rough mountainous. Soil, half or more of area barren sandstone cliffs, balance red sandy loam; 3rd rate. Scattering juniper and pinon pine timber. Undergrowth, oak, manzanita, sagebrush. Fair grass.

-----  
 East, on random for distance bet. secs. 2 and 11.

- 40.00 Set temp. ¼ sec. cor.
- 80.43 The cor. of secs. 2 and 11, hereinbefore described.

Thence

West, on a true line bet. secs. 2 and 11.

Asc. 460 ft. over red sandstone cliffs, through scattering scrubby timber and undergrowth.

- 12.36 Top of cliffs and ridge, bears N. 30° E. and S. 30° W. desc. 220 ft. over W. slope.
- 18.40 Gulch, course SW.; asc. 365 ft. over SE. slope.
- 29.70 Ridge, bears NE. and SW.; desc. 405 ft. over NW. slope.
- 40.21 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, surrounded by a large mound of stone, 5 ft. base, for ¼ sec. cor., with brass cap marked

S 2  
 ¼ ———  
 S 11  
 1919 /

## Subdivisions of T. 41 S., R. 14 W.

## Chains

No more stone available for mound of stone N. of cor., pits impracticable.

- 47.90 Gulch, course SW.; asc. 330 ft. over SE. slope.  
 61.30 Spur, projects SW.; desc. 320 ft. over W. slope.  
 70.20 Gulch, course S.  $5^{\circ}$  W.; asc. 245 ft. over E. slope.  
 77.00 Spur, projects NE.; desc. 65 ft. to sec. cor., over NW. slope.

80.43 The cor. of secs. 2 and 11.

Land, mountainous. Soil, red sandy loam; 3rd rate, much red sandstone outcrop. Timber, scattering pinon pine and juniper. Undergrowth, oak, manzanita, and sagebrush. Fair grass.

-----  
 N.  $0^{\circ}$  1' W., bet. secs. 2 and 10.

Over broken E. slope, through scattering timber and dense undergrowth.

5.81 At intersection with line run east from the cor. of secs. 3 and 4.

Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for cor. of secs. 3 and 10 only, with brass cap marked

T 41 S  
 S 3  
 S 10  
 R 14 W  
 1919

from which

A pinon pine, 10 ins. diam., bears S.  $48\frac{1}{2}^{\circ}$  W., 132 lks. dist., mkd. T 41 S R 14 W S 10 B T.

A pinon pine, 6 ins. diam., bears N.  $55\frac{1}{2}^{\circ}$  W., 173 lks. dist., mkd. T 41 S R 14 W S 3 B T.

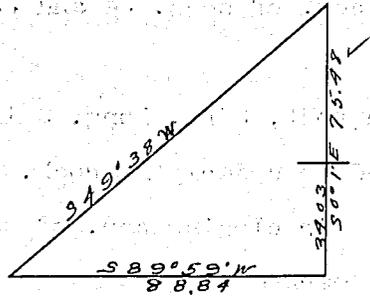
Thence, bet. secs. 2 and 3.

Impassable cliffs prevent chaining; vertical angle to flag on top of cliffs =  $19^{\circ}$ ; auxiliary flag bears S.  $89^{\circ}$  59' W., 88.84 chs. dist., from a point S.  $0^{\circ}$  1' E., 34.03 chs. dist., from cor. of secs. 3 and 10; from flag on top of cliff the auxiliary flag bears S.

Subdivisions of T. 41 S., R. 14 W.

Chains

49° 38' W.; all bearings checked by direct readings of the solar, and all angles by deflection:



Dist. on line	= 5.81 chs.
Dist. by triangulation	= <u>75.48</u> ✓
	81.29 ✓
Dist. by return meas.	= <u>34.03</u> ✓
	47.26 ✓

32.50 ( approximate ) Foot of impassable cliffs, 600 ft. high, bearing NE. and SW.  
 40.00 Point for  $\frac{1}{4}$  sec. cor. falls in impassable cliffs. Cor. not set.  
 47.26 Triangulation point above top of cliffs; thence, S. 0° 1' E., 2.75 chs.

44.51 Top of impassable cliffs,  
 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for witness cor. to  $\frac{1}{2}$  cor. of sec. 2 only, with brass cap marked  
 $\frac{1}{2}$ S 2  
 WC  
 1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor.

Thence, N. 0° 1' W.

45.81 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  cor. of sec. 3 only, with brass cap marked  
 $\frac{1}{2}$ S 2  
 1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

47.50 Ridge, bears NE. and SW., about 900 ft. above sec. cor.; desc. 275 ft. over NW. slope.

70.60 Gulch, course SW.; asc. 140 ft. to closing cor., over

Subdivisions of T. 41 S., R. 14 W.

Chains

S. slope.

84.52 Intersect 8th Standard Parallel S., 64 lks. N. 89° 52' W. of standard cor. of secs. 34 and 35; at point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to underlying rock, surrounded by a mound of stone, for closing cor. of secs. 2 and 3, with brass cap marked

T 40 S R 14 W  
S 34  
-----  
S 3 | S 2  
T 41 S R 14 W  
CC  
1918

and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Land, mountainous. Soil, stony red sandy loam; 3rd rate. Timber, scattering juniper, pine, and pinon pine. Undergrowth, oak, manzanita, and sagebrush.

-----  
From the cor. Of secs. 27 and 34, hereinbefore described N. 0° 1' W., bet. secs. 27 and 28.

Asc. 40 ft. over broken SE. slope, through scattering undergrowth.

- 6.60 Gully, 10 lks. wide, 3 ft. deep, course S. 10° E.
- 14.60 Road, bears N. 70° W. and S. 70° E.
- 18.50 Top of ascent, desc. 105 ft. over NE. slope.
- 19.50 Irrigating ditch, course E.
- 25.10 Road, bears E. and W.
- 36.30 Cottonwood Canyon wash, 1 ch. wide, 10 ft. deep, course NE.; asc. 340 ft. to sec. cor., over broken SE. slope.
- 39.04 Mid-point between cor. of secs. 28 and 32 and cor. of secs. 21 and 28.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. of sec. 28 only, with brass cap marked.

S 28 |  
1918

Subdivisions of T. 41 S., R. 14 W.

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

Asc. over red sandstone ledge, 100 ft. high, bears  
N. 30° E. and S. 30° W.

44.23 Top of sandstone ledge.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in  
the ground to bed rock, surrounded by a mound of  
stone, for ¼ cor. of secs 27 only, with brass cap  
marked

1/4 S 27

1918

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
E. of cor.

Continue to ascend gradually.

79.06 Intersection with line run east from cor. of secs.  
20, 21, 28, and 29,

Set an iron post, 3 ft. long, 2 ins. diam., on bed rock,  
surrounded by a mound of stone, for cor. of secs.  
21 and 28 only, with brass cap marked

T 41 S

S 21

S 28

R 14 W

1919

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
E. of cor.

88.46 Intersection with line run west from cor. of secs. 22,  
23, 26, and 27.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in  
the ground to underlying rock, surrounded by a mound  
of stone, for cor. of secs. 22 and 27 only, with  
brass cap marked

T 41 S

S 22

S 27

R 14 W

1918

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
E. of cor.

## Subdivisions of T. 41 S., R. 14 W.

Chains	Land, hilly and mountainous. Soil, stony red sandy loam; 4th rate. Undergrowth, creosote brush and shadscale. Little grass.
	-----
	East, on a random for distance bet. secs. 22 and 27:
40.00	Set temp. $\frac{1}{2}$ sec. cor.
87.74	The cor. of secs. 22, 23, 26, and 27.
	Thence
	West, on a true line bet. secs. 22 and 27.
	Asc. 145 ft. over broken E. slope, through scattering undergrowth.
14.20	Low ridge, bears N. and S.
29.60	North end of low ridge extending 20 chs. S.; desc. 40 ft. over NW. slope.
36.10	Dry wash, 15 lks. wide, 2 ft. deep, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{2}$ cor. of sec. 27 only, with brass cap marked
	<u><math>\frac{1}{2}</math>S 27</u>
	1918
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
47.74	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{2}$ cor. of sec. 22 only, with brass cap marked
	<u><math>\frac{1}{2}</math>S 22</u>
	1918
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	Asc. gradually over broken SE. slope, through very scattering scrubby junipers.
61.00	Asc. over series of red sandstone ledges, 350 ft. high, bear N. 20° E. and S. 20° W.
79.80	Top of ledges, same bearing; desc. 55 ft. to sec. cor., over broken NW. slope.

Subdivisions of T. 41 S., R. 14 W.

Chains

(87.74

The cor. of secs. 22 and 27.

Land, hilly and mountainous. Soil, red sandy loam; 4th rate, much barren red sandstone. Few scattering junipers. Undergrowth, creosote brush and shadscale. Little grass.

N. 0° 1' W., bet. secs. 21 and 22.

Over broken W. slope, not much range in elevation, through scattering undergrowth.

7.90

Dry wash, 20 lks. wide, 4 ft. deep, course S. 30° W.

28.10

Dry wash, 30 lks. wide, 10 ft. deep; course SW.; asc.

435 ft. over SE. slope.

30.62

Mid-point between cor. of secs. 21 and 28 and cor. of secs. 16 and 21

Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  cor. of sec. 21 only, with brass cap marked

$\frac{1}{4}$ S 21

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to underlying rock, surrounded by a mound of stone, for  $\frac{1}{4}$  cor. of sec. 22 only, with brass cap marked

$\frac{1}{4}$ S 22

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

52.60

Ridge, bears S. 40° W. and N. 40° E.; desc. 250 ft. to cor. of secs. 15 and 22, over broken NW. slope.

63.80

Spur, projects S. 80° W.

70.64

Intersection with line run east from cor. of secs. 16, 17, 20, and 21.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to underlying rock, surrounded by a mound

Subdivisions of T. 41 S., R. 14 W.

Chains

of stone, for cor. of secs. 16 and 21 only, with brass cap marked

T 41 S  
 S 16  
 S 21  
 R 14 W  
 1919

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Thence bet. secs. 16 and 22.

71.40 Small gulch, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for cor. of secs. 15 and 22 only, with brass cap marked

T 41 S  
 S 15  
 S 22  
 R 14 W  
 1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, mountainous. Soil, stony red sand and sandy loam; 4th rate. Undergrowth, oak, manzanita, sagebrush, creosote brush. Some grass. No timber.

East, on a random line bet. secs. 15 and 22.

40.00 Set temp. 1/2 sec. cor.

86.80 Intersect N. and S. line, 33 lks. N. of the cor. of secs. 14, 15, 22, and 23.

Thence

N. 89° 47' W., on a true line bet. secs. 15 and 22.

Asc. 680 ft. over broken E. slope, through scattering timber and undergrowth.

15.60 Foot of red sandstone cliff, 50 ft. high, bears N. 10° E. and S. 10° W.

16.80 Top of cliff, continue to ascend cliffy E. slope.

23.80 Spur, projects N. 10° E.; desc. 170 ft. over broken NW. slope.

34.40 Canyon, course N.; asc. 380 ft. over cliffy NE. slope.

Subdivisions of T. 41 S., R. 14 W.

Chains

46.80 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 15  
 $\frac{1}{2}$  S 22

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

52.10 Ridge, bears N. and S.; desc. 340 ft. over broken SW. slope.

70.60 Dry wash, 10 lks. wide, 2 ft. deep, course S.; asc. 230 ft. over E. slope.

76.20 Ridge, bears N. and S.  $5^\circ$  W., desc. 245 ft. to sec. cor. over W. slope.

86.80 The cor. of secs. 15 and 22.

Land, mountainous. Soil, red sand and sandy loam, much barren sandstone; 4th rate. Timber, scattering juniper and pinon pine. Undergrowth, sagebrush, oak, manzanita.

N.  $0^\circ 1'$  W., bet. secs. 15 and 16.

Asc. 30 ft. over S. slope, through scattering timber and undergrowth.

3.70 Low spur, projects SW.; desc. 120 ft. over NW. slope.

9.40 Gulch, course SW.; asc. 160 ft. over broken S. slope.

30.62 $\frac{1}{2}$  Mid-point between cor. of secs. 16 and 21 and cor. of secs. 9 and 16.

Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  cor. of sec. 16 only, with brass cap marked

$\frac{1}{2}$ S 16

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

Subdivisions of T. 41 S., R. 14 W.

Chains

the ground, for  $\frac{1}{2}$  cor. of sec. 15 only, with brass cap marked

$\frac{1}{2}$ S 15

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

48.00 Low sandy ridge, divide between Harrisburg Creek and Cottonwood Canyon, bears NE. and SW.; desc. 95 ft. over N. slope.

59.10 Head of gulch, course NE.; asc. 255 ft. over SE. slope.

70.61 Intersection with line run east from cor. of secs. 8, 9, 16, and 17.

Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for cor. of secs. 9 and 16 only, with brass cap marked

T 41 S

S 9

S 16

R 14 W

1919

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

77.95 Spur, projects N.  $30^\circ$  E.; desc. 40 ft. to sec. cor., over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for cor. of secs. 10 and 15 only, with brass cap marked

T 41 S

S 10

S 15

R 14 W

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

Land, mountainous. Soil, red sand; 4th rate, much red sandstone outcrop. Timber, scattering juniper and pinod pine. Undergrowth, sagebrush, oak, and manzanita. Little grass.

Subdivisions of T. 41 S., R. 14 W.

Chains

S. 89° 47' E., on a random line bet. secs. 10 and 15.

56.67 Set temp. witness cor. for  $\frac{1}{2}$  sec. cor.

55.87 Foot of impassable cliffs, traverse down Harrisburg Creek canyon as follows:

S. 12° E. 6.20 chs.

S. 65° E. 25.16

S. 45° E. 9.60

East 1.35

North 23.86 chs. to true point for cor. of secs. 10, 11, 14, and 15, 88.08 chs. on random.

Thence

S. 89° 53' W., on a true line bet. secs. 10 and 15.

Asc. about 500 ft. over red sandstone cliffs.

14.00 Rare sandstone spur, projects SE.; desc. about 450 ft. over SW. face of cliffs.

31.00 Foot of cliffs, bears NW. and SE.; desc. 30 ft. to creek through scattering timber and undergrowth.

34.10 Harrisburg Creek, from W. to SE.; follow up bed of creek.

40.20 Leave creek, from SW.; asc. 130 ft. over E. face of sandstone ledge.

42.40 Spur, projects S.; desc. 90 ft. over W. slope.

47.30 Same creek <sup>8 lks. wide</sup> course S.; asc. 450 ft. over NE. face of sandstone cliffs.

48.08 True point for  $\frac{1}{2}$  sec. cor. falls on face of cliff. Cor. not set.

51.42 Top of cliffs, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for witness cor. to  $\frac{1}{2}$  sec. cor., with brass cap marked

S 10  
 $\frac{1}{2}$  WC  
S 15

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

60.20 Spur, projects N. 10° E.; desc. 285 ft. over NW. slope.

78.20 Gulch, course N. 10° W.; asc. 260 ft. to sec. cor.,

Subdivisions of T. 41 S., R. 14 W.

Chains	
	over E. slope.
85.50	Spur, projects NE.; continue to asc. over N. slope.
88.08	The cor. of secs. 10 and 15. Land, mountainous. Soil, red sand, much barren sandstone 4th rate. Timber, scattering juniper and pinon pine. Undergrowth, sagebrush, oak, and manzanita.
-----	
	N. 0° 1' W., bet. secs. 9 and 10. Desc. 300 ft. over broken N. slope, through scattering timber and undergrowth.
12/00	Gulch, course N. 70° E.; asc. 280 ft. over SE. slope.
27.85	Spur, projects E.; desc. 435 ft. over NE. slope.
30.61	40.00 chs. north of the cor. of secs. 9 and 16, Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ cor. of sec. 9 only, with brass cap marked $\frac{1}{4}$ S 9 1918 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
40.00	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ cor. of sec. 10 only, with brass cap marked $\frac{1}{4}$ S 10 1918 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
43.30	Gulch, course N. 80° E.; asc. 490 ft. over S. slope.
51.80	Spur, projects S. 70° E.; desc. 485 ft. over NE. slope.
64.70	Gulch, course E.; asc. 150 ft. over S. slope.
67.10	Spur, projects E.; desc. 275 ft. over NE. slope.
81.80	Harrisburg Creek, 6 lks. wide, 4 ins. deep, course S. 80° E.; asc. 115 ft. to sec. cor.
86.06	The cor. of secs. 9 and 10, hereinbefore described. Land, mountainous. Soil, red sand and sandy loam; 4th rate, greater part of area is barren sandstone.

Subdivisions of T. 41 S., R. 14 W.

Chains

Timber, scattering juniper and pinon pine. Undergrowth, oak, sagebrush, and manzanita. Little grass.

-----  
 From the cor. of secs. 3 and 4, hereinbefore described, East, on a random for distance along S. bdy. of sec. 3.

31.64 40.00 chs. E. of cor. of secs. 9 and 10,

Set temp.  $\frac{1}{4}$  cor. for sec. 10 only.

40.00 Set temp.  $\frac{1}{4}$  cor. for sec. 3 only.

79.94 The cor. of secs. 3 and 10, herinbefore described.

Thence

West, on a true line along S. bdy. of sec. 3.

Asc. 150 ft. over broken NE. slope, through scattering timber and undergrowth.

15.10 Barren sandstone ridge, bears NW. and SE.; desc. 400 ft. over SW. slope.

27.95 Canyon, course S. 20° W.; asc. 420 ft. over sandstone cliffs.

37.85 Spur, projects S. 30° W.; desc. 460 ft. over W. slope.

39.97 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  cor. of sec. 3 only, with brass cap marked

$\frac{1}{4}$ S 3

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

48.30 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  cor. of sec. 10 only, with brass cap marked

$\frac{1}{4}$ S 10

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.

49.05 Gulch, course SW.; asc. 360 ft. over SE. slope.

65.55 Spur, projects S. 20° W.; desc. 230 ft. to sec. cor., over W. slope.

Subdivisions of T. 41 S., R. 14 W.

Chains

79.94

The cor. of secs. 3 and 4.

Land, mountainous. Soil, red sand and sandy loam; 4th rate, much sandstone outcrop. Timber, scattering juniper and pinon pine. Undergrowth, sagebrush, oak, and manzanita. Little grass.

-----  
From the cor. of secs. 32 and 33, on S. bdy. of Tp., hereinbefore described.

N. 0° 2' W., bet. secs. 32 and 33.

Asc. 175 ft. over broken SE. slope, to  $\frac{1}{2}$  sec. cor., through scattering undergrowth.

26.50

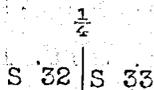
Top of red sandstone ledge, 50 ft. high, bears NE. and SW., continue to ascend gradually.

37.50

Old road, bears NE. and SW.

40.00

Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

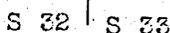
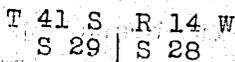
Asc. 210 ft. to sec. cor., over broken SW. slope.

60.50

Dry wash, 7 lks. wide, 1 ft. deep, course S. 20° W.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked



1918

No stone available for mound; soil, dunesand, pits impracticable.

Land, broken hills. Soil, red sand and sandy loam; 3rd and 4th rate. No timber, Undergrowth, creosote brush, Spanish dagger, shadscale, and grass.

-----

Subdivisions of T. 41. S., R. 14 W.

Chains	East, on a random for distance bet. secs. 28 and 33.
.40.00	Set temp. $\frac{1}{2}$ sec. cor.
79.52	The cor. of secs. 28 and 33, hereinbefore described.
	Thence
	West, on a true line bet. secs. 28 and 33.
	Asc. 40 ft. over broken SE. slope, through scattering undergrowth.
13.50	Top of ascent, desc. 85 ft. over gradual SW. slope.
13.60	Old road, bears NE. and SW.
39.76	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{2} \frac{S\ 28}{S\ 33}$
	1918
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
43.60	Dry wash, 20 lks. wide, 3 ft. deep, course S.; asc. 210 ft. to sec. cor., over broken SE. slope.
61.00	Dry wash, 20 lks. wide, 3 ft. deep, course S. $10^{\circ}$ E.
75.60	East edge of bench, bears N. and S.
79.52	The cor. of secs. 28, 29, 32, and 33.
	Land, broken hills. Soil, red sand and sandy loam; 3rd and 4th rate, much sandstone outcrop. No timber. Undergrowth, creosote brush, Spanish dagger, grass.
	-----
	N. $0^{\circ} 2' W.$ , bet. secs. 28 and 29.
	Asc. 50 ft. over broken S. slope, through scattering timber and undergrowth.
2:70	Low ridge, bears N. $30^{\circ} W.$ and S. $30^{\circ} E.$
31.50	Desc. 30 ft. into wash, over NE. slope.
37.10	Dry wash, 10 lks. wide, 2 ft. deep, course SE.; asc. 70 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock, surrounded by a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked

Subdivisions of T. 41 S., R. 14 W.

Chains

S 29 | S 28

1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

44.50 N. edge of bench, bears E. and W.; desc. 140 ft. over broken N. slope.

63.40 Dry wash, 15 lks. wide, 2 ft. deep, course NE.

67.80 Cottonwood Canyon wash, 150 lks. wide, 12 ft. deep, course E.; asc. 180 ft. over SW. slope.

78.70 Ridge, bears N. 60° W. and S. 60° E.; desc. 45 ft. to cor. over N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for. cor. of secs. 20, 21, 28, and 29, with brass cap marked

T 41 S R 14 W

S 20 | S 21

S 29 | S 28

1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling mountainous. Soil, stony red sandy loam; 4th rate, much sandstone outcrop. Timber, scattering junipers. Undergrowth, creosote brush, oak, and manzanita. Some grass.

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East, on a random line for distance bet. secs. 21 and 28.

40.00 Set temp 1/4 sec. cor.

79.60 The cor. of secs. 21 and 28, hereinbefore described.

Thence West, on a true line bet. secs. 21 and 28.

Asc. 40 ft. over SE. slope, through scattering timber and undergrowth.

1.80 Ridge, bears N. 30° E. and S. 30° W.; desc. 170 ft. over NW. slope.

23.90 Dry wash, 80 lks. wide, 4 ft. deep, course S.; asc.

Subdivisions of T. 41 S., R. 14 W.

Chains

180 ft. over SE. slope.

39.80 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked.

$$\begin{array}{r} \frac{1}{2} \\ \hline S 21 \\ S 28 \end{array}$$

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

46.10 Spur, projects S.  $80^\circ$  E., desc. 175 ft. over SW. slope.

53.50 Gulch, course SE.; asc. 175 ft. over E. slope.

56.60 Spur, projects S.; desc. 140 ft. over SW. slope.

62.10 Gulch, course S.; asc. 165 ft. over SE. slope.

64.70 Spur, projects S.; desc. 135 ft. over SW. slope.

71.80 Gulch, course SE.; asc. 110 ft. to cor. over NE. slope.

79.80 The cor. of secs. 20, 21, 28, and 29.

land, mountainous. Soil, red sand and sandy loam, very barren sandstone ledges; 4th rate. Timber, scattering Junipers. Undergrowth, Spanish dagger, creosote and rabbit brush. Little grass.

N.  $0^\circ$  E. E., bet. secs. 20 and 21.

Desc. 85 ft. over NE. slope, through scattering timber and undergrowth.

4.50 Gulch, course S.  $80^\circ$  E.; asc. 125 ft. over SW. slope.

15.00 S. edge of rolling bench, bears E. and W.; continue to ascend gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{2} \\ \hline S 20 \mid S 21 \end{array}$$

1918

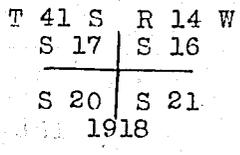
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

57.60 Dry wash, 10 lkn. wide, 2 ft. deep, course SE.; asc.

Subdivisions of T. 41 S., R. 14 W.

Chains

160 ft. to sec. cor., over SW. slope,  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock,  
in a mound of stone, for cor. of secs. 16, 17, 20,  
and 21, with brass cap marked



and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

Land, rolling and moundainous.. Soil, stony red sand  
and sandy loam; 3rd and 4th rate, much sandstone  
outcrop. Timber, scattering juniper and pinon pine.  
Undergrowth, oak, manzanita, and rabbit brush. Fair  
grass.

-----  
East, on random line for distance bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

(79.64 The cor. of secs. 16 and 21, herein before described.

Thence

West, on a true line bet. secs. 16 and 21.

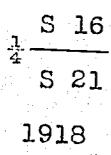
Desc. 80 ft. over NW. slope, through scattering  
timber and undergrowth.

7.65 Gulch, course S. 30° W.; asc. 110 ft. over E. slope.

13.45 Ridge, bears N. 10° E. and S. 10° W.; desc. 175 ft.  
over W. slope.

23.15 Gulch, course S. 20° W.; asc. 210 ft. to ¼ sec. cor.,  
over broken SE. slope.

(39.82 Set an iron post, 3 ft. long, 1 in. diam., on bed rock,  
surrounded by a mound of stone, for ¼ sec. cor.,  
with brass cap marked



and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.

Asc. 90 ft. over gradual SE. slope.

Subdivisions of T. 14 N., R. 14 W.

Chains

51.40 Low ridge, bears N. and S.; desc. 110 ft. over SW. slope.

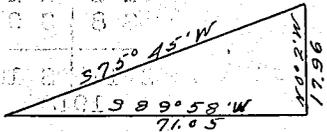
65.10 Gulch, course S. 30° E.; asc. 125 ft. over E. slope.

78.65 Spur, projects S. 20° E.

79.64 The cor. of secs. 16, 17, 20, and 21.  
 Land, hilly and mountainous. Soil, red sand and sandy loam, much sandstone outcrop; 3rd and 4th rate. Timber, scattering juniper and pinon pine. Undergrowth, manzanita, oak, and rabbit brush. Fair grass.

N. 0° 2' W., bet. secs. 16 and 17.

Foot of precipitous sandstone ledges; vertical angle to flag on top of ridge = 19°; auxiliary flag bears S. 89° 58' W., 71.05 chs. dist.; from flag on top of ridge the auxiliary flag bears S. 75° 45' W.; all bearings checked by direct readings of the solar, and all angles checked by deflection:



Dist. by triangulation = 18.00

18.00 Ridge, bears N. 70° E. and S. 70° W., 415 ft. above sec. cor.; desc. 345 ft. over NW. slope.

37.30 Gulch, course W.; asc. 430 ft. over precipitous SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to underlying rock, surrounded by a mound of stone, for 1/4 sec. cor., with brass cap marked

S 17 | S 16  
 1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

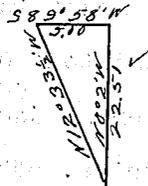
56.90 Barren sandstone spur, projects W.; desc. 380 ft. to sec. cor., over precipitous NW. slope.

Subdivisions of T. 41 S., R. 14 W.

Chains

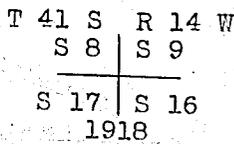
57.50 Top of impassable sandstone ledges, bears NE. and SW.; auxiliary flag bears N.  $12^{\circ} 33\frac{1}{2}^{\circ}$  W.; from flag on line projected the auxiliary flag bears S.  $89^{\circ} 58'$  W., 5.00 chs. dist.; all bearings checked by direct readings of the solar, and all angles checked by

deflection:



Dist. on line	= 57.50 chs.
Dist. by triangulation	= <u>22.51</u> ✓
	80.01
Dist. by return meas.	<u>.01</u>
	80.00

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, surrounded by a mound of stone, for cor. of secs. 8, 9, 16, and 17, with brass cap marked



from which

A pinon pine, 8 ins. diam., bears N.  $45\frac{1}{2}^{\circ}$  E., 46 lks. dist., mkd. T 41 S R 14 W S 9 B T.

A pinon pine, 9 ins. diam., bears S.  $22\frac{3}{4}^{\circ}$  E., 187 lks. dist., mkd. T 41 S R 14 W S 16 B T.

A pinon pine, 10 ins. diam., bears S.  $15\frac{1}{2}^{\circ}$  W., 72 lks. dist., mkd. T 41 S R 14 W S 17 B T.

A pinon pine, 8 ins. diam., bears N.  $68^{\circ}$  W., 87 lks. dist., mkd. T 41 S R 14 W S 8 B T.

Land, mountainous. Soil, red sand and sandy loam, much barren sandstone; 4th rate. Timber, scattering juniper and pinon pine, Undergrowth, manzanita, oak, and sagebrush. Fair grass.

East, on random line for dist. bet. secs. 9 and 16.

Subdivisions of T. 41 S., R. 14 W.

Chains

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.82 The cor. of secs. 9 and 16, hereinbefore described.  
Thence  
West, on a true line bet. secs. 9 and 16.  
Asc. 955 ft. over precipitous SE. face of sandstone ledges, through scattering timber and undergrowth.
- 19.50 Spur, projects N.  $70^{\circ}$  E.; continue to asc. over NE. slope.
- 28.50 East rim of broken bench, bears N. and S.  $20^{\circ}$  W.; desc. 190 ft. over SW. slope.
- 37.40 Gulch, course NW.; asc. 80 ft. over NE. slope.
- 39.91 Point for  $\frac{1}{2}$  sec. cor. falls on steeply sloping sandstone ledge, impossible to set cor. securely.
- 40.47 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for witness cor. to  $\frac{1}{2}$  sec. cor., with brass cap marked
- S 9  
 $\frac{1}{4}$  WC  
S 16

1918
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 41.80 Top of ascent, desc. 140 ft. over NW. slope.
- 51.80 Foot of descent, asc. 120 ft. over NE. slope.
- 58.30 Spur, projects N.  $10^{\circ}$  E.; desc. 460 ft. to sec. cor., over NW. slope.
- 71.00 Spur, projects N.  $5^{\circ}$  E.; desc. W. slope.
- 79.82 The cor. of secs. 8, 9, 16, and 17.  
Land, mountainous. Soil, red sand and sandy loam, mostly barren sandstone cliffs and ledges; 4th rate.  
Timber, scattering junipers and pinon pine. Undergrowth, oak, manzanita, and sagebrush.
- 
- N.  $0^{\circ}$  2' W., bet. secs. 8 and 9.  
Desc. 50 ft. over NW. slope, through scattering timber and dense undergrowth.
- 4.00 Heath Wash Creek, 4 lks. wide, 4 ins. deep, course SW.

Subdivisions of T. 41 S., R. 14 W.

Chains	
	asc. 475 ft. over broken S. slope.
12.00	Big Hollow gulch, course SE.; asc. abruptly.
31.40	SE. point of bench, desc. 270 ft. over NE. slope.
38.58	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for witness cor. to $\frac{1}{2}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{2} \\ \hline \begin{array}{c} W   C \\ S 8   S 9 \end{array} \\ \hline 1918 \end{array}$
	from which
	A pinon pine, 6 ins. diam., bears S. 56° E., 11 lks. dist., mkd. $\frac{1}{2}$ S 9 W C B T.
	A pinon pine, 10 ins. diam., bears N. 31° W., 8 lks. dist., mkd. $\frac{1}{2}$ S 8 W C B T.
40.00	True point for $\frac{1}{2}$ sec. cor., on steeply sloping sandstone ledge, impossible to set cor. securely.
64.10	Heath Wash <u>Creek</u> , <sup>4 lks. wide</sup> course SE.; asc. 160 ft. over broken S. slope.
82.00	Road, bears NW. and SE.
84.20	Same creek, course SW.; 4 lks. wide.
87.60	Same creek, course SE. 4 lks. wide.
93.60	Same creek, course SW. 4 lks. wide.
96.00	Same creek, course SE. 4 lks. wide.
96.41	Intersect S. bdy. of sec. 5, 8.26 chs. W. of the cor. of secs. 4 and 5, hereinbefore described. At point of intersection
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8 and 9 only, with brass cap marked
	$\begin{array}{c} \hline \begin{array}{c} S 8   S 9 \\ T 41 S   R 14 W \end{array} \\ \hline 1919 \end{array}$
	from which
	A pinon pine, 10 ins. diam., bears S. 85° E., 93 lks. dist., mkd. T 41 S R 14 W S 9 B T.
	A pinon pine, 6 ins., diam., bears S. 51 $\frac{1}{2}$ ° W., 96 lks. dist., mkd. T 41 S R 14 W S 8 B T.

Subdivisions of T. 41 S., R. 14 W.

Chains

Land, mountainous. Soil, stony sand and sandy loam; 3rd and 4th rate. Timber, juniper and pinon pine. Undergrowth, oak, manzanita, and sagebrush. Good grass.

---

From the cor. of secs. 31 and 32, on S. bdy., of Tp., hereinbefore described,

N.  $0^{\circ} 2'$  W., bet. secs. 31 and 32.

Asc. 235 ft. over broken S. slope, through scattering undergrowth.

15.40 Ridge, bears N.  $5^{\circ}$  E. and S.  $10^{\circ}$  W.; continue to asc.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{2} \\ | \\ S\ 31\ | \ S\ 32 \end{array}$$

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

40.50 Ridge, bears E. and W.; desc. 135 ft. over broken N. slope.

67.30 Dry wash, 20 lks. wide, 5 ft. deep, course E.; asc. 60 ft. to sec. cor.; over SE. slope.

80.00 Set an iron post, 2 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31; and 32, with brass cap marked

$$\begin{array}{c} T\ 41\ S\ \quad R\ 14\ W \\ S\ 30\ | \ S\ 29 \end{array}$$

$$\begin{array}{c} S\ 31\ | \ S\ 32 \\ 1918 \end{array}$$

No rock available for mound; soil, dunesand, pits impracticable.

Land, rolling mountainous. Soil, red sand and sandy loam; 4th rate. No timber. Undergrowth, creosote brush, Spanish dagger, and rabbit brush. Little grass.

---

Subdivisions of T. 41 S., R. 14 W.

Chains

S. 89° 54' E. on random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect N. and S. line, 16 lks. S. of the cor. of secs. 28, 29, 32, and 33.

Thence

S. 89° 59' W., on a true line bet. secs. 29 and 32.

Desc. 65 ft. over broken SW. slope, through scattering undergrowth.

30.50 Dry wash, 20 lks. wide, 2 ft. deep, course SW.; asc. 115 ft. over broken SE. slope.

40.01 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 29  
 $\frac{1}{4}$   
S 32

1918

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

42.30 Low ridge, bears N. and S.; desc. 140 ft. over SW. slope.

68.20 Dry wash, 20 lks. wide, 6 ft. deep, course S.; asc. 105 ft. to sec. cor. over broken SE. slope.

74.50 Dry wash, 30 lks. wide, 4 ft. deep, course SE.

80.02 The cor. of secs. 29, 30, 31, and 32.

Land, rolling and broken. Soil, red sand and sandy loam, 3rd and 4th rate. No timber. Undergrowth, greosote brush, Spanish dagger, and rabbit brush. Little grass.

N. 89° 55' W., on a random line bet. secs. 30 and 31.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

87.01 Intersect W. bdy. of Tp., 13 lks. N. of the cor. of secs. 25, 30, 31, and 36, which is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Thence

Subdivisions of T. 41 S., R. 14 W.

Chains	
	East, on a true line bet. secs. 30 and 31. Desc. 115 ft. over SE. slope, through scattering timber and undergrowth.
7.20	Top of lava bluff, 50 ft. high, bears NE. and SW.; desc. over bluff.
10.60	Dry wash, 30 lks. wide, 3 ft. deep, course SW.; asc. 170 ft. over NW. slope.
26.40	Ridge, bears N. 10° E. and S. 10° W.; desc. 85 ft. over SE. slope.
31.10	Gulch, course S. 20° W.; asc. 205 ft. over SW. slope.
39.30	Ridge, bears N. and S.; desc. 465 ft. over NE. slope.
47.01	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 30 \\ \hline S\ 31 \\ 1918 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
54.20	Gulch, course NE.; asc. 170 ft. over NW. slope.
64.80	Spur, projects N. 10° E.; desc. 210 ft. to sec. cor. over broken E. slope.
75.30	Dry wash, 20 lks. wide, 3 ft. deep, course NE.
87.01	The cor of secs. 29, 30, 31, and 32. Land, mountainous. Soil, red sand and sandy loam, much rock outcrop; 4th rate. Scattering juniper timber. Undergrowth, creosote brush, Spanish dagger, and cactus. Fair grass.
	-----
	N. 0° 3' W., bet. secs. 29 and 30. Desc. 55 ft. over NE. slope, through scattering timber and undergrowth.
4.30	Dry wash, 20 lks. wide, 4 ft. deep, course SE.; asc. 475 ft. over broken S. slope.
30.80	Same wash, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

Subdivisions of T. 41 S., R. 14 W.

Chains

the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



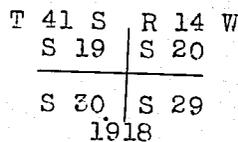
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

50.30 Ridge, bears N.  $80^\circ$  E. and S.  $80^\circ$  W.; thence over rolling hills to sec. cor., at about same elevation.

60.20 Dry wash, 20 lks. wide, 3 ft. deep, course NE.

71.90 Dry wash, 30 lks. wide, 4 ft. deep, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to underlying rock, surrounded by a mound of stone, for cor. of secs. 19, 20, 29, and 30, with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous. Soil, red sand and sandy loam; 4th rate. Timber, scattering juniper. Undergrowth, creosote brush, Spanish dagger, and rabbit brush. Little grass

N.  $89^\circ 59'$  E., on random line bet. secs. 20 and 29.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.22 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 20, 21, 28, and 29.

Thence

N.  $89^\circ 55'$  W., on a true line bet. secs. 20 and 29.

Over N. slope, through scattering timber and undergrowth.

1.05 Ridge, bears NW. and SE.; desc. 120 ft. over SW. slope.

6.70 Cottonwood Canyon, course SE.; asc. 220 ft. over broken NE. slope.

40.11 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in

Subdivisions of T. 41 S., R. 14 W.

Chains	the ground to underlying rock, surrounded by a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{2} \frac{S 20}{S 29}$ 1918
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
70.30	Dry wash, 40 lks. wide, 2 ft. deep, course NE.
80.22	The cor. of secs. 19, 20, 29, and 30.
	Land, mountainous. Soil, red sand and sandy loam; 4th rate. Scattering juniper timber. Undergrowth, oak, creosote, and other desert brush. Fair grass.
	----- West, on random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
86.92	Intersect W. bdy. of Tp., 9 lks. N. of the cor. of secs. 19, 24, 25, and 30.
	Thence N. $89^{\circ}56'$ E., on a true line bet. secs. 19 and 30.
	Desc. 160 ft. over SE. slope, through scattering timber and undergrowth.
10.70	Dry wash, 15 lks. wide, 6 ft. deep, course SW.; asc. 370 ft. over NW. slope.
26.30	Ridge, bears N. $30^{\circ}$ E. and S. $30^{\circ}$ W.; desc. 230 ft. over SE. slope.
33.50	Head of gulch, course SW.; asc. 340 ft. over SW. slope.
45.40	Ridge, bears N. $70^{\circ}$ W. and S. $40^{\circ}$ E.; desc. 350 ft. over NE. slope.
46.92	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{2} \frac{S 19}{S 30}$ 1918
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
57.50	Head of gulch, course N. $10^{\circ}$ E.; asc. 130 ft. over NW.

Subdivisions of T. 41 S., R. 14 W.

Chains

slope.

60.80 Spur, projects N.; desc. 450 ft. to sec. cor., over broken NE. slope.

74.80 Spur, projects N. 10° E.

86.92 The cor. of secs. 19, 20, 29, and 30.

Land, mountainous. Soil, very rocky, red sand and sandy loam; 3rd and 4th rate, much sandstone outcrop.

Timber, scattering juniper and pinon pine. Undergrowth, oak, manzanita, and sagebrush. Fair grass.

-----  
N. 0° 3' W., bet. secs. 19 and 20.

Desc. 30 ft. over N. slope, through scattering timber and undergrowth.

6.60 Gulch, course E.; asc. 215 ft. over S. slope.

15.10 Top of ascent of W. side of high round hill, desc. 155 ft. over NW. slope.

21.40 Gulch, course NE.

39.80 Cottonwood Canyon, course S. 50° E.; asc. 170 ft. over S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

$\frac{1}{2}$   
S 19 | S 20  
1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

47.00 Small ridge, bears N. 50° W. and S. 50° E.; desc. 275 ft. over NE. slope.

70.50 Foot of descent, asc. 50 ft. to witness cor., over S. slope.

73.55 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bed rock, for witness cor. to cor. of secs. 17, 18, 19, and 20, with brass cap marked

T 41 S R 14 W  
WC  
S 18 | S 17  
-----  
S 19 | S 20  
1918

Subdivisions of T. 41 S., R. 14 W.

Chains  
 and raise a mound of stone, 2 ft. base.  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 75.22 Foot of impassable cliffs, 500 ft. high, bearing N.  
 80° E. and S. 80° W. True point for cor. at  
 80.00 is entirely inaccessible, discontinue line at 75.22 chs.  
 Land, mountainous. Soil, red sand and sandy loam; 4th  
 rate. Timber, scattering juniper and pinon pine.  
 Undergrowth, oak and manzanita. Fair grass.

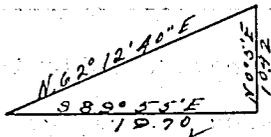
-----  
 From the temp. point at 75.22, on line bet. secs. 19  
 and 20, impassable cliffs prevent proceeding or pro-  
 jecting line in northerly or easterly direction,  
 therefore I traverse as follows:

S.  $53\frac{1}{2}^\circ$  W. 1.43 chs.

N.  $75\frac{1}{2}^\circ$  E. 10.55

North 3.00 chs., to a point on random line  
 bet. secs. 17 and 20 at 9.06 chs., thence S.  $89^\circ$   
 55' E., on a random line bet. secs. 17 and 20.

9.06 Edge of impassable canyon; vertical angle to flag on  
 random line =  $-12^\circ$ ; auxiliary flag bears N.  $62^\circ 12'$   
 40" E.; from flag on random line the auxiliary flag  
 bears N.  $0^\circ 5'$  E., 10.42 chs. dist.; all bearings  
 checked by direct readings of the solar, and all  
 angles checked by deflection:



Dist. on random line = 9.06 ✓  
 Dist. by triangulation = 19.70 ✓  
 28.76 ✓

28.76 East edge of canyon.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. and S. line, 20 lks. S. of the cor. of  
 secs. 16; 17, 20, and 21.  
 Thence  
 S.  $89^\circ 56'$  W., on a true line bet. secs. 17 and 20.

Subdivisions of T. 41 S., R. 14 W.

Chains

Desc. 50 ft. over broken SW. slope, through scattering timber and undergrowth.

10.00 Foot of descent, asc. 90 ft. over SE. slope.

20.20 Spur, projects S.; desc. 175 ft. over W. slope.

32.00 Heath Wash, course S. 5° E.; asc. 515 ft. over E. slope.

(40.05 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for 1/2 sec. cor., with brass cap marked

S. 17

S. 20

1918

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

51.35 Ridge, bears N. 20° E. and S. 20° W.; desc. about 450 ft. over precipitous canyon wall.

60.50 (approximately) Bottom of canyon, course N. 20° E.; asc. about 720 ft. over precipitous canyon wall.

71.05 Ridge, bears NW and SE.; thence over SW. face of cliffs to true point for sec. cor.

(80.10 True point for cor. of secs. 17, 18, 19, and 20, on inaccessible face of cliffs.

Land, mountainous. Soil, red sand and sandy loam; 4th rate. Timber, scattering juniper, and pinon pine. Undergrowth, manzanita and oak. Little grass.

Impassable cliffs prevent following line bet. secs.

18 and 19, therefore I traverse as follows:

From true point for cor. of secs. 17, 18, 19, and 20,

South 4.78 chs.

S. 74° W. 11.54 chs.

S. 75° W. 11.68 chs.

West 26.32 chs., set reference pt. for 1/2 sec. cor.

N. 73 3/4° W. 39.77 chs. to intersection of the W.

bdy. of Tp. at cor. of secs. 13, 18, 19, and 24,

which is an iron post, 3 ins. diam., 12 ins. above

Subdivisions of T. 41 S., R. 14 E.

Chains

ground, firmly set, marked and witnessed as described by the surveyor general.

Thence

S. 89° 54' E., on a true line bet. secs. 18 and 19.

Desc. about 200 ft. over broken NE. slope, through scattering timber and undergrowth.

37.00 Cottonwood Canyon, course SE.; asc. 150 ft. to witness cor. over SW. slope.

39.00 Foot of series of sandstone ledges and cliffs, bears N. 70° W. and S. 70° E., 700 ft. high.

42.31 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for witness cor. to  $\frac{1}{2}$  sec. cor., with brass cap marked

S 18  
 $\frac{1}{2}$  ——— WC  
 S 19

1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Cor. stands on shelf at base of impassable cliffs.

46.88 True point for  $\frac{1}{2}$  sec. cor., inaccessible. Balance of mile follows face of cliffs.

86.88 True point for cor. of secs. 17, 18, 19, and 20.

Land, mountainous. Soil, red sand and sandy loam; 4th rate, over half of mile barren sandstone cliffs.

Timber, scattering juniper and pinon pine, few cottonwoods along Cottonwood Canyon. Undergrowth, oak and manzanita. Little grass.

N. 0° 3' W., bet. secs. 17 and 18.

Over S. face of barren sandstone cliffs.

From a point on line bet. secs. 17 and 18, auxiliary

flag N. 89° 57' E. of true point for cor. of secs.

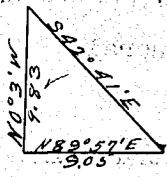
17, 18, 19, and 20, 9.05 chs. dist., bears S. 42°

41' E.; all bearings checked by direct reading of

the solar, and all accessible angles by deflection:

Subdivisions of T. 41 S., R. 14 W.

Chains



Dist. by triangulation = 9.83 chs.

- 9.83 Triangulation point, continue to ascend over broken S. face of sandstone ledges.
- 20.50 Top of E. side of sandstone knob, 656 ft. above point for sec. cor.; desc. 215 ft. over NE. slope.
- 24.20 Gulch, course S. 80° E.; asc. 335 ft. over broken S. slope, through scattering timber and undergrowth.
- 39.80 Small spur, projects E.; desc. 15 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for 1/2 sec. cor., with brass cap marked

$\frac{1}{2}$   
 S 18 | S 17  
 1918

from which

- A pinon pine, 8 ins. diam., bears N. 1 1/2° E., 102 lks. dist., mkd. 1/2 S 17 B T.
- A pinon pine, 13 ins. diam., bears N. 76° W., 60 lks. dist., mkd. 1/2 S 18 B T.
- 43.70 Foot of descent, asc. 80 ft. over SE. slope.
- 48.60 S. edge of rolling bench, bears NE. and SW.; desc. 145 ft. over NW. slope.
- 61.50 Ravine, course N. 75° E.; asc. 180 ft. over SE. slope.
- 65.00 Top of ascent, desc. 90 ft. to sec. cor., over N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T 41 S R 14 W  
 S 7 | S 8  
 S 18 | S 17  
 1918

from which

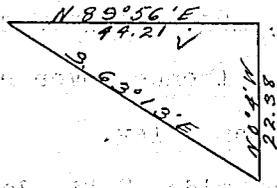
A pinon pine, 14 ins. diam., bears N. 24° E.,

Subdivisions of T. 41 S., R. 41 W.

Chains 165 lks. dist., mkd. T 41 S R 14 W S 8 B T.  
 A pinon pine, 8 ins. diam., bears S.  $31\frac{1}{2}^{\circ}$  E.,  
 331 lks. dist., mkd. T 41 S R 14 W S 17 B T.  
 A pinon pine, 8 ins. diam., bears S.  $25^{\circ}$  W., 160  
 lks. dist., mkd. T 41 S R 14 W S 18 B T.  
 A pinon pine, 10 ins. diam., bears N.  $80^{\circ}$  W., 30  
 lks. dist., mkd. T 41 S R 14 W S 7 B T.  
 Land, mountainous. Soil, red sand and sandy loam, half  
 of mile barren sandstone; 3rd and 4th rate. Timber,  
 scattering juniper and pinon pine. Undergrowth, oak,  
 manzanita, and sagebrush. Fair grass.

N.  $89^{\circ} 56'$  E., on random line bet. secs. 8 and 17.

35.75 Edge of bench near top of impassable cliff; auxiliary  
 flag bears S.  $63^{\circ} 13'$  E.; from flag at intersection  
 of random line with line bet. secs. 16 and 17 the  
 auxiliary flag bears S.  $0^{\circ} 4'$  E., 22.38 chs. dist.;  
 all bearings checked by direct readings of the solar,  
 and all angles checked by deflection:



Dist. on random line = 35.75 chs.

Dist. by triangulation = 44.21 ✓

79.96 ✓

79.96 Intersect N. and S. line, 2 lks. S. of the cor. of  
 secs. 8, 9, 16, and 17.

Thence S.  $89^{\circ} 55'$  W., on a true line bet. secs. 8 and 17.

Desc. 50 ft. over NW. slope, through scattering  
 timber and undergrowth.

3.00 Heath Wash Creek, 4 lks. wide, 4 ins. deep, course SW.,  
 water sinks  $\frac{1}{2}$  mile SW.; asc. 475 ft. over precipit-

Subdivisions of T. 41 S., R. 14 W.

Chains

ous SE. slope.

23.50 Point of bench, projects S.; desc. abruptly over SW. face of sandstone ledges, about 400 ft.

34.00 Bottom of canyon, course S. 30° E.; asc. 450 ft. over precipitous E. slope.

39.98 True point for 1/4 sec. cor., falls on face of cliff; cor. not

41.00 Top of cliff, bears N. and S.; continue to ascend abruptly.

44.00 Edge of bench, bears N. and S.; desc. 90 ft. over rolling NW. slope.

44.21 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, surrounded by a mound of stone, for witness cor. to 1/4 sec. cor., with brass cap marked

S 8 1/4 W C  
S 17 W C

A juniper, 12 ins. diam., bears N. 39° E., 76 lks. dist., mkd. 1/4 S 8 W C B T.

A pinon pine, 6 ins. diam., bears S. 37 1/2° W., 80 lks. dist., mkd. 1/4 S 17 W C B T.

51.25 Draw, course NW.; thence, over rolling N. slope to sec. cor. at about same elev.

79.15 Dry wash, 15 lks. wide, 2 ft. deep, course N. 5° W.

79.96 The cor. of secs. 7, 8, 17, and 18.

Land, mountainous and rolling. Soil, red and yellow sandy loam and clay; 2nd and 3rd rate. Timber, scattering juniper and pinon pine. Undergrowth, oak, manzanita, and sagebrush. Fair grass.

N. 89° 54' W., on random line bet. secs. 7 and 18.

40.00 Set temp. 1/4 sec. cor.

86.90 Intersect W. bdy. of Tp., 53 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Subdivisions of T. 41 S., R. 14 W.

Chains

Thence ✓  
S. 89° 52' E., on a true line bet. secs. 7 and 18.

Desc. 60 ft. over SE. slope, through scattering timber and undergrowth.

90. Gulch, course SW.; asc. 70 ft. over NW. slope out of gulch, thence over rolling and broken N. slope without much range in elev.

46.90 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to underlying rock, surrounded by a mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S 7  $\frac{1}{2}$   
S 18

1918

from which

A juniper, 8 ins. diam., bears N. 44° W., 129 lks. dist., mkd.  $\frac{1}{2}$  S 7 B.T.

A pinon pine, 8 ins. diam., bears S. 45° E., 150 lks. dist., mkd.  $\frac{1}{2}$  S 18 B.T.

56.60 Dry wash, 10 lks. wide, 1 ft. deep, course N. 10° E.

70.30 Dry wash, 30 lks. wide, 2 ft. deep, course NE.

86.90 The cor. of secs. 7, 8, 17, and 18.

Land, rolling and broken bench. Soil, red sandy loam and clay; 2nd and 3rd rate. Timber, scattering juniper and pinon pine. Undergrowth, oak, sagebrush, and manzanita. Good grass.

N. 0° 3' W.; bet. secs. 7 and 8.

Over rolling and broken bench without much range in elevation, through scattering timber and undergrowth.

37.80 Dry wash, 20 lks. wide, 2 ft. deep, course N. 10° W.

6.50 Same wash, course N. 10° E.

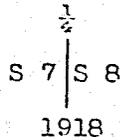
16.20 Gulch, course NE.

38.30 Dry wash, 15 lks. wide, 2 ft. deep, course N. 50° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

Subdivisions of T. 41 S., R. 14 W.

Chains



from which

A juniper, 14 ins. diam., bears S.  $10\frac{1}{2}^{\circ}$  E., 199 lks. dist., mkd.  $\frac{1}{2}$  S 8 B T.

A pinon pine, 16 ins. diam., bears S.  $6^{\circ}$  W., 139 lks. dist., mkd.  $\frac{1}{2}$  S 7 B T.

46.90 Road, bears E. and W.  
58.50 Dry wash ( Yankee Doodle Hollow ), 20 lks. wide, 3 ft. deep, course S.  $60^{\circ}$  E.; asc. 305 ft. to sec. cor. over broken S. slope.

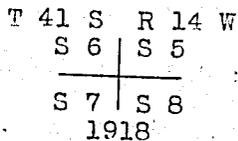
69.00 Gulch, course S.  $50^{\circ}$  E.

75.00 Same gulch, course S.  $20^{\circ}$  W.

86.70 Same gulch, course S.  $30^{\circ}$  E.

96.26 At point of intersection with line run west from cor. of secs. 4 and 5,

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to underlying rock, surrounded by a mound of stone, for cor. of secs. 5, 6, 7, and 8, with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, rolling and mountainous. Soil, red sandy and clay loam; 3rd rate. Timber, scattering juniper and pinon pine. Undergrowth, oak, manzanita, and sagebrush. Fair grass.

Fast, on random line for dist. bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

79.88 The cor. of secs. 8 and 9 only.

88.14 The cor. of secs. 4 and 5 only, hereinbefore described.

Thence

Subdivisions of T. 41 S., R. 14 W.

Chains

West, on a true line along the S. bdy. of sec. 5.

Desc. 55 ft. over rolling SW. slope, through scattering timber and undergrowth.

8.26 The cor. of secs. 8 and 9 only, hereinbefore described.

8.55 Heath Wash Creek, 8 lks. wide, 2 ins. deep, course S. 10° E.; thence over rolling S. slope.

22.25 Road, bears NE. and S. 80° W.

36.45 Dry wash, 10 lks. wide, 2 ft. deep, course SW.

48.20 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S 5  
-----  
S 8

1918

from which

A juniper, 13 ins. diam., bears N. 0° 30' E., 16 lks. dist., mkd.  $\frac{1}{2}$  S 5 B T.

A juniper, 16 ins. diam., bears S. 16 $\frac{1}{2}$ ° E., 31 lks. dist., mkd.  $\frac{1}{2}$  S 8 B T.

52.95 Road, bears N. 30° W. and S. 40° E.

62.55 Gulch ( Big Hollow ), course S.; asc. 210 ft. to sec. cor., over E. slope.

88.14 The cor. of secs. 5, 6, 7, and 8.

Land, rolling and mountainous. Soil, vari-colored sandy and clay loams; 3rd rate. Timber, scattering juniper and pinon pine. Undergrowth, oak, manzanita, and sgebrush. Good grass.

N. 89° 52' W., on a true line bet. secs. 6 and 7.

Asc. 175 ft. over SE. slope, through scattering timber and undergrowth.

12.70 Spur, projects S. 10° E.; desc. 210 ft. over SW. slope.

32.40 Gulch, course SW.; asc. 45 ft. to  $\frac{1}{2}$  sec. cor., over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to underlying rock, surrounded by a mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked

Subdivisions of T. 41 S., R. 14 W.

Chains

S 6  
 $\frac{1}{2}$  ———  
 S 7

1918

from which

A pinon pine, 8 ins. diam., bears N. 52 $\frac{3}{4}$ ° E.,  
 20 lks. dist.; mkd.  $\frac{1}{2}$  S 6 B T.

A pinon pine, 8 ins. diam., bears S 32 $\frac{3}{4}$ ° E.,  
 43 lks. dist., mkd.  $\frac{1}{2}$  S 7 B T.

Desc. 140 ft. over SW. slope.

46.30 Gulch, course S. 5° E.; asc. 50 ft. over E. slope.

49.30 Spur, projects S. 5° E.; desc. 65 ft. over SW. slope.

56.60 Yankee Doodle Hollow, course SE.; asc. 205 ft. to  
 closing cor., over broken E. slope.

86.86 Intersect W. bdy. of Tp., 16.26 chs. N. 0° 26' W. of  
 the cor. of secs. 1 and 12; at point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in  
 the ground to underlying rock, surrounded by a mound  
 of stone, for closing cor. of secs. 6 and 7, with  
 brass cap marked

T 41 S    T 41 S  
           |       |  
           S 6     |   CC  
           S 1     |   S 7  
           R 15 W   R 14 W  
                   1918

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 E. of cor.

Land, rolling mountainous. Soil, stony sandy and clay  
 loams; 3rd rate. Timber, scattering juniper and  
 pinon pine. Undergrowth, oak, manzanita, and sage-  
 brush. Little grass.

From the cor. of secs. 5, 6, 7, and 8.

N. 0° 03' W. on true line bet. secs. 5 and 6.

Asc. 95 ft. over SE. slope, through scattering timber  
 and undergrowth.

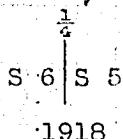
14.50 Top of ascent, desc. 225 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in

Subdivisions of T. 41 S., R. 14 W.

Chains

the ground to underlying rock, surrounded by a mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

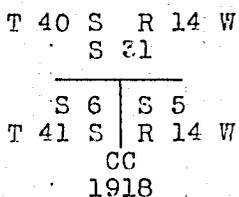
41.30 Big Hollow Creek, 10 lks. wide, 4 ins. deep, course SE., water sinks a short distance SE.; asc. 420 ft. over SW. slope.

66.00 Top of ascent, desc. 115 ft. over NE. slope.

74.90 Gulch, course SE.; asc. 115 ft. to closing cor., over SW. slope.

78.37 Intersect 8th standard parallel S., 9.78 chs. N. 89° 51' W. of standard cor. of secs. 31 and 32, hereinbefore described; at point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to underlying rock, surrounded by a mound of stone, for closing cor. of secs. 5 and 6, with brass cap marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.

Land, mountainous. Soil, stony sandy loam and loam; 3rd rate. Timber, scattering juniper and pinon pine. Undergrowth, oak, manzanita, and sagebrush. Fair grass.

Boundaries of T. 41 S., R. 14 W.

Latitudes, Departures, and Closing Errors.

Line Designated	True Bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
S.Bdys.secs. 36 and 35	N.89°52'W.	80.24	.19			80.24
	N.89°53'W.	40.00	.08			40.00
	N.88°10'W.	3.44	.11			3.44
	N.89°59'W.	41.16	.01			41.16
W.Bdy.sec.35.	N.01°46'W.	81.31	81.27			2.51
S.Bdy.sec.27.	S.89°23'W.	80.70		.86		80.70
E.Bdy.sec.33.	S. 0°21'E.	80.55		80.55	.49	
S.Bdys.secs. 33, 32, & 31.	S.89°25'W.	41.34			.41	41.34
	N.89°59'W.	41.19	.01			41.19
	N.89°45'W.	41.13	.18			41.13
	S.89°57'W.	41.11		.04		41.11
	N.89°53'W.	41.11	.08			41.11
	N.89°57'W.	41.17	.04			41.17
W.Bdy. of Tp.	North.	400.00	400.00			
	N. 0°26'W.	39.91	39.91			.30
	N. 0°01'E.	44.54	44.54		.01	
N.Bdys.secs. 6 and 5.	N.88°50'E.	14.74	.30		14.74	
	North.	9.78	9.78			
	S.89°51'E.	82.49		.21	82.49	
	S.89°41'E.	38.35		.22	38.35	
	S.89°33'E.	39.32		.31	39.92	
E.Bdy.sec.5.	S. 0°15'E.	37.97		37.97	.17	
	S. 0°02'W.	39.99		39.99		.02
S.Bdy.sec.4.	N.89°55'E.	40.28	.06		40.28	
	S.88°29'E.	39.76		1.03	39.75	
W.Bdy.sec.3.	N. 0°25'W.	38.97	38.97			.29
	N. 0°25'E.	39.95	39.95		.29	
N.Bdys.secs. 3 and 2	S89° 52'E.	80.45		.19	80.45	
	N.89°51'E.	39.79	.10		39.79	
	N.89°57'E.	39.88	.03		39.88	
E.Bdys.secs. 2 and 11.	S. 0°09'E.	80.61		80.61		.21
	S. 0°03'W.	39.32		39.32		.03
	S. 0°21'W.	43.94		43.94		.27
S.Bdy.sec.11.	S.89°53'W.	39.42		.08		39.42
	S.89°29'W.	40.74		.37		40.74
E.Bdys.secs. 15 and 22	S. 0°46'W.	80.42		80.42		1.08
	S. 0°41'E.	79.72		79.72	.95	
N.Bdys.secs. 26 and 25	S.89°07'E.	80.33		1.24	80.32	
	S.88°30'E.	80.90		2.11	80.87	
E.Bdys.secs. 25 and 36	S. 0°22'W.	82.80		82.80		.53
	S. 0°36'W.	41.36		41.36		.43
	S. 0°05'W.	41.64		41.64		.06
Convergency					.46	
			655.61	655.39	579.21	578.48
Error in Latitude			655.39		578.48	
Error in Departure			0.22			0.71

General Description of T. 41 S., R. 14 W.

The land in this township varies in character from rolling and broken to very mountainous and lies between 2500 and 5000 ft. in elevation. The prevail-

## General Description of T. 41 S., R. 14 W.

ing formation is sedimentary, though a large amount of volcanic rock is present and eruptive action has been very severe as the sandstone has been upheaved and torn to an unusual degree in this area, most of the strata being tilted in every direction at angles of 20° or more.

The soil ranges from nearly pure sand to heavy clay loam, the heavy types being confined principally to the bench land in the northwest part of the township where limestone occurs. The prevailing type is a light red, fine sandy loam.

There are scattering cottonwoods along the creeks and along Cottonwood Canyon. Most of the township has a scattering to medium growth of juniper and pinon pine timber, the growth varying with the altitude and soil. A few yellow pines were noted on the high points in secs. 2 and 3.

A ledge of sandstone carrying silver, known as the Silver Reef, crosses the SE.  $\frac{1}{4}$  of sec. 11 and is exposed as far south as the SE.  $\frac{1}{4}$  of sec. 22. This ledge has been worked extensively in the past. No other valuable mineral indications were noted.

Quail Creek, Harrisburg Creek, Cottonwood Canyon, Heath Wash, Big Hollow, and Yankee Doodle Hollow, carry water at all seasons where indicated on the plat by solid lines. Cottonwood Canyon is said to contain water throughout its length during most of the year but was dry at the time of this survey, the season having been exceptionally dry. Water being so plentiful, it is not thought necessary to list its occurrence by legal subdivisions.

There were no settlers living in the part of the township covered by this survey at the time of the survey. There is a little land that could be reclaimed by irrigation in secs, 4, 5, 8, 25, 27, 33, 34, and 36. The tracts are all small and the cost of reclamation

General Description of T. 41 S., R. 14 W.

would probably be found excessive in most cases. There is a project under way to reclaim the tract lying in secs. 27, 23, and 34. There are two small tracts of about ten acres each being successfully cultivated in sec. 36. The remainder of the township is fairly good grazing land where not too rough. The best of the grazing land, on the high bench in the northwest part of the township, is included within the Dixie National Forest.

The average magnetic declination is approximately N. 16° E.

*Howard E. Mason*

U. S. Surveyor.



CERTIFICATE OF UNITED STATES SURVEYOR.

I, Howard G. Mason, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 27th day of December, 1917, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of T. 41 S., R. 14 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in and date diagram on page 1 on dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction, and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Reno, Nevada,  
March 25, 1920

Howard G. Mason  
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Oct. 14, 1921.

The foregoing field notes of the ~~survey~~ of resurvey of the Eighth Standard Parallel South, through Range No. 14 W.; resurvey of the east, south, and west boundaries and subdivisional lines; and survey of the subdivisional lines of Township No. 41 South, Range No. 14 West of the Salt Lake Base and Meridian, Utah,

executed by Howard G. Mason

under his special instructions dated Dec. 27, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys ~~and resurveys~~ they describe, are hereby approved.

W. A. Hoeser  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

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88

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BOOK A-449

A

# FIELD NOTES

OF THE SURVEY OF THE

SIXTH STANDARD PARALLEL SOUTH THROUGH RANGE 5 EAST;

RESURVEY OF PORTIONS OF EAST AND NORTH BOUNDARIES:

RESURVEY AND SURVEY OF WEST BOUNDARY OR FIRST GUIDE MERIDIAN EAST;

AND

RESURVEY AND SURVEY OF PORTION OF SUBDIVISION

O F

TOWNSHIP NO. 30 SOUTH, RANGE NO. 5 EAST,

Of the SALT LAKE BASE AND Meridian,

in the State of U T A H

EXECUTED BY

ELLIOT BIRD

Transitman

in the capacity of U. S. Surveyor, under Special Instructions dated January 16, 1919,

issued by the United States Surveyor General to govern surveys included in Group

No. 76, which were approved by the Commissioner of the General Land

Office, February 15, 1919, Supplemental 1920.  
and Assignment Instructions dated May 3, 1919

Survey commenced July 22, 1920.

Survey completed October 16, 1920.

F.M.S. F.B.J.  
 M.F.B.  
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 Plat Notes  
 V.I.F. M.F.B.

BOOK A-449

# INDEX DIAGRAM.

Township 30 South, Range 5 East

17	19	6	32	5	4	3	2	1		
40	30	19		19		19				
39	60		28		27		25			
	7	59	8	72	9	84	10	18	11	12
	58		70		81		83	18		18
37								21		20
	18	56	17	69	16	60	15	93	14	104
	55		68		79		92		102	103
36										4
	19	54	20	66	21	77	22	91	23	100
	53		65		76		89		99	100
34										4
	30	51	29	64	28	75	27	88	26	98
	50		63		74		87		97	98
33										5
	31	48	32	61	33	73	34	85	35	95
	41		43		44		46		47	48

4-679 b

INDEX DIAGRAM.

Township 30 S, Range 5 E

<del>104</del> 105	<del>104</del>											
107	123	5	4	3	2	1						
130	<del>120</del>	109	118	109	117	109	115	109				
129	7	129	8	12	9	174	10	12	11	12		
	<del>148</del>	160		171		<del>175</del>		<del>111</del>	108	<del>110</del>	108	
127	18	146	17	159	16	170	15	<del>183</del>	14	194	18	94
	<del>145</del>		<del>158</del>	169		<del>182</del>		<del>192</del>		<del>193</del>		102
126	19	144	20	156	21	167	22	181	23	190	24	94
	<del>143</del>		155	166		179		189		190		100
124	30	141	29	154	28	165	27	178	26	187	25	94
	<del>140</del>		<del>153</del>	164		177		187		<del>188</del>		98
123	31	138	32	151	30	163	34	175	35	185	36	95
	<del>137</del>		<del>150</del>									95
<del>131</del>	<del>132</del>		133		134		136		137		138	

DATE DIAGRAM OF T. 30 S., R. 5 E.

	8-25-20						
8-28-20	6		8-17-20		8-14-20		8-13-20
8-28-20	8-30-20	10-4-20	10-16-20	10-16-20	10-1-20	10-1-20	7-24-20
	10-4-20	7	8	9	10	7-26-20	7-26-20
	10-15-20	10-15-20	10-15-20	10-5-20	10-1-20	9-27-20	9-27-20
8-30-20	10-4-20	18	17	16	15	14	13
	10-12-20	10-12-20	10-12-20	10-4-20	9-30-20	9-25-20	9-25-20
8-31-20	10-4-20	19	20	21	22	23	24
	10-9-20	10-9-20	10-9-20	10-2-20	9-29-20	9-22-20	9-22-20
9-1-20	10-4-20	30	29	28	27	26	25
	9-10-20	9-14-20	9-15-20	9-16-20	9-20-20	9-20-20	9-20-20
9-2-20	9-19-20	31	32	33	34	35	36
	8-12-20	8-11-20	8-10-20	8-6-20	8-2-20	7-30-20	7-29-20
	9-4-20	9-11-20	9-13-20	9-16-20	8-3-20	9-18-20	9-23-20
					8-5-20		9-23-20
					9-10-20		9-23-20

Survey commenced July 22, 1920 and executed with Young and Sons light mountain transit No. 8551. Instrument is equipt with Smith Solar attachment and full vertical circle. The horizontal limb is provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests, in assignment

instructions dated November 5, 1913.

I examine the adjustments of the transit and correct the level and collimation errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observation made on Polaris, I proceed as follows.

July 22, 1920: At my camp, situated near the  $\frac{1}{4}$  sec. cor. on the W. bdy. sec. 11, T. 30 S., R. 5 E., approximate latitude  $38^{\circ}14'$  N.; longitude  $111^{\circ}25'$  W.; At 11h 33.4m l.m. t., I observe Polaris at eastern elongation with telescope in direct and reversed positions and mark the line thus determined by a tack in a stake firmly driven in the ground 5.00 chs. to the N. of my station.

July 25, 1920: At 8h 30m a.m. app. t., I lay off the azimuth of Polaris, which is  $1^{\circ}26'$  to the W. and mark the meridian thus determined by a tack in a stake firmly driven in the ground 5.00 chs. N. of my station. At 2h 00m a.m. app. t., I set off  $38^{\circ}14'$  N. on the latitude arc,  $12^{\circ}39'$  N. on the declination arc and determine a meridian with the solar. Meridian thus determined bears  $1'$  to the east of the meridian determined by observation on Polaris.

At apparent noon, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude	$32^{\circ}09'$
Reduced latitude	$38^{\circ}14'$
Mean watch time of observation	12h10m
Watch fast of l. m. t.	3m45"

At apparent noon with the instrument in the meridian and  $38^{\circ}14'$  N. set off on the latitude arc, I find the reading of the declination arc to be  $12^{\circ}37'$  N.

At 3h 00m<sup>p.m.</sup> l. m. t.; I set off  $38^{\circ}14'$  N. on the latitude arc,  $19^{\circ}35'$  N. on the declination arc and determine a meridian with the solar. Meridian thus determined bears  $30''$  to the east of the meridian determined by observations on Polaris.

The instrument by a.m. and p.m. observations define positions for meridians that do not vary more than  $1'$  of arc from the Polaris meridian, I therefore conclude that the instrument is in good adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, frequent tests being made on the meridian determined by observations on Polaris.

At the completion of the survey of this township, I make a final test of the instrument as follows.

At 3h 0m A.M. apparent time  
October 16, 1920; with transit in the meridian determined by observations on Polaris made July 22, 1920; I set off  $8^{\circ}55'$  S. on the declination arc,  $38^{\circ}14'$  N. on the latitude arc and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is  $8^{\circ}58'$  S., which agrees with the computed declination of the sun.

At 3h 00m apparent time, with the latitude arc unchanged, I set off  $9^{\circ}01'$  S. on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations during the usual hours of solar work come within  $1'$  of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

## RETRACEMENT OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

## MEASUREMENTS

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains' in length compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distance.

## RETRACEMENT OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

From the cor. secs. 7, 12, 13 and 18, on the E. bdy. of the township hereinafter described.

South, on a retracement line bet. secs. 13 and 18.

39.50 Fall 22 lks. E. of the  $\frac{1}{2}$  sec. cor. secs. 13 and 18, hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is therefore S.  $0^{\circ}19'$  W., and the distance is 39.50 chs.

South on same line with continuous measurement.

79.35 Fall 70 lks. E. of the cor. secs. 13, 18, 19 and 24, hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is therefore S.  $0^{\circ}41'$  W., and the distance is 39.85 chs.

From the cor. secs. 13, 18, 19 and 24.

South, on a retracement line bet. secs. 19 and 24.

39.55 Fall 43 lks. E. of the  $\frac{1}{2}$  sec. cor. secs. 19 and 24, hereinafter described.

The bearing of this half mile is therefore S.  $0^{\circ}37'$  W., and the distance is 39.55 chs.

South, on same line with continuous measurement.

79.76 Fall 67 lks. E. of the cor. secs. 19, 24, 25 and 30, hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is therefore S.  $0^{\circ}21'$  W., and the distance is 40.21 chs.

From the cor. secs. 19, 24, 25 and 30.

South, on a retracement line bet. secs. 25 and 30.

40.00 Find no trace of the  $\frac{1}{2}$  sec. cor. secs. 25 and 30.

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

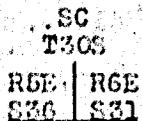
CHAINS

- South, on same line with continuous measurement.
- 80.28 Fall 217 lks. E. of the cor. secs. 25, 30, 31 and 36, hereinafter described.
- The course of this mile is therefore S.  $1^{\circ}33'$  W., and the distance is 80.51 chs.
- 
- From the cor. secs. 25, 30, 31 and 36.
- South, on a retracement line bet. secs. 31 and 36.
- 39.81 Fall 16 lks. E. of the  $\frac{1}{2}$  sec. cor. secs. 31 and 36, hereinafter described. The bearing of this  $\frac{1}{2}$  mile is therefore S.  $0^{\circ}15'$  W., and the dist. is 39.81 chs.
- South, on same line with continuous measurement.
- 79.64 Fall 44 lks. E. of the standard cor. of T. 30 S., R. 5 and 6 E., which is hereinafter described.
- The bearing of this  $\frac{1}{2}$  mile is therefore S.  $0^{\circ}22'$  W., and the distance is 79.63 chs.

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

From the standard cor. of T. 30 S., R. 5 and 6 E., which is a hard white sandstone, 10 x 15 x 23 ins, above a mound of stone, firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as follows:

Set an iron post, 3 ft. long, 3 ins. dia., 12 ins. in the ground to solid rock and 12 ins. in a mound of stone, for standard cor. T. 30 S., R. 5 and 6 E., with brass cap marked:



1920

From which

- A yellow pine, 12 inc. dia., bears N.  $40^{\circ}$  E., 65 lks. dist., marked SC T30S R6E S31 BT.
- A yellow pine, 12 inc. dia., bears N.  $60^{\circ}$  W., 65 lks. dist., marked SC T30S R5E S36 BT.

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

Thence ✓  
N. 0°22' E., on a resurvey line along the E. bdy. sec. 31  
setting cor. cors. at intervals of 40.00 chs. for  
T. 30 S., R. 5 E.

Descend gradually over mountainous land, through dense  
yellow pine and scattering cedar and pinon timber and  
scattering undergrowth of sagebrush and bunch grass.

10.00 Chokecherry Creek, stream of good clear water, 6 lks. wide,  
4 ins. deep, in wash, 30 lks. deep, 10 lks. wide, 110 ft.  
below cor., drains N. 70° E.; continue gradual descent.

34.00 Small stream 5 lks. wide, 5 ins. deep, in wash, 30 lks.  
wide, 4 ft. deep, 75 ft. below Chokecherry Creek, drains  
S. 80° E.; ascend gradually.

39.50 Spur, 45 ft. above creek, projects E.; descend gradually.

39.83 On gentle N. slope, 15 ft. below top of spur, the 1/4 sec.  
cor. secs. 31 and 36, which is a red sandstone, 14 x 14  
x 20 ins. above a mound of stone, loosely set, marked  
and witnessed as described by the surveyor general. I  
reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the  
ground to solid rock and 20 ins. in a mound of stone,  
alongside old cor., for 1/4 sec. cor. sec. 31, with brass  
cap marked

- From which
- A yellow pine, 18 ins. dia., bears N. 58° E.,  
39 lks. dist., marked 1/4 S31 BT.
- A yellow pine, 30 ins. dia., bears S. 20°30' E.,  
102 lks. dist., marked 1/4 S31 BT.

Thence N. 0°15' E., with continuous measurement.

40.00 On gentle N. slope, 10 ft. below 1/4 sec. cor. sec. 31.

Northing of 40.00 chs. from the township cor.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the  
ground to solid rock and 10 ins. in a mound of stone,

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

for  $\frac{1}{4}$  sec. cor. sec. 36, with brass cap marked.

$\frac{1}{4}$ S36

120

From which

A yellow pine, 24 ins. dia., bears S. 50° W.,

82 lks. dist., marked  $\frac{1}{4}$ S36 BT.

A yellow pine, 24 ins. dia., bears N. 48°30' W.,

28 lks. dist., marked  $\frac{1}{4}$ S36 BT.

42.00 Gulch, 50 ft. below the  $\frac{1}{4}$  sec. cor., drains E.; ascend abruptly.

47.60 Ascent becomes more abrupt, bears E. and W.

56.40 Single Tree Creek, stream of good clear water, 4 lks. wide, 2 ins. deep, drains SE.

65.00 Ridge, 175 ft. above gulch, bears E. and W.; descend gradually.

65.60 Road from Grover to Boulder, bears NW. and SE.

72.24 Yellow pine, 18 ins. dia., which I mark with 2 notches on N. and S. faces for line tree.

78.50 Gulch, 75 ft. below ridge, drains E.; ascend gradually.

79.64 The cor. secs. 25, 30, 31 and 36, which is a lava rock, 14 x 10 x 20 ins. above a mound of stone, firmly set, marked and witnessed as described by the surveyor general. I efface the marks on the stone and bearing trees that pertain to R. 5 E. and reestablish cor. as follows.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to solid rock and 20 ins. in a mound of stone, alongside old cor.; for cor. secs. 30 and 31, with brass cap marked.

T30S	R5E	R6E
		S30

S36	S31
-----	-----

1920

From which

A yellow pine, 15 ins. dia., bears N. 35° E.,

75 lks. dist., marked T30S R6E S31 BT.

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

A yellow pine, 14 ins. dia., bears S. 42° E.,  
65 lks. dist., marked T30S R6E S31 BT.

Land, rolling NE. face of the Boulder Mountains.

Soil, shallow dark clay loam.

Drainage, E, into Sulphur Wash.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense yellow pine and scattering cedar and pinon.

Exceedingly good grazing on all of mile.

N. 1°33' E., on a resurvey line along the W. bdy. sec. 30.

Ascend gradually over mountainous land, through dense

yellow pine and scattering cedar and pinon timber and

scattering undergrowth of shadscale.

.36 On gentle S. slope; northing of 40.00 chs. from the 1/4 sec.  
cor. sec. 36.

Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the  
ground and 10 ins. in a mound of stone, for cor. secs.  
25 and 36, with brass cap marked.

T30S
R5E R6E
S25 S30
S36

1920

From which

A yellow pine, 18 ins. dia., bears S. 69° W.,  
27 lks. dist., marked T30S R5E S36 BT.

A yellow pine, 18 ins. dia., bears N. 87° W.,  
54 lks. dist., marked T30S R5E S25 BT.

14.70 Spur, 75 ft. above cor. secs. 30 and 31, projects E.;  
descend gradually.

21.50 Gulch, 65 ft. below spur, drains E.; ascend abruptly over  
white sandstone ledges.

40.15 1/2 On steep, S. face of white sandstone ledge, 250 ft. above  
gulch, bears NE. and SW., proportionate measurement: It  
being impossible to set an iron post, mark on face of  
ledge for 1/4 sec. cor. sec. 30.

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

Chains

1/2 S30

1920

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

No suitable bearing trees available.

40.37 Falls on steep S. face of sandstone ledge 15 ft. above 1/2 sec. cor. sec. 30, where it is impossible to set an iron post. At this point which is northing of 40.00 chs. from cor. secs. 25 and 36, mark on face of ledge for 1/2 sec. cor. sec. 25, at exact cor. point.

1/2 S25

1920

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

No suitable bearing trees available.

Continue abrupt ascent over ledges.

- 48.50 Spur, 110 ft. above cor., projects E.; descend gradually.
- 55.00 Gulch, 75 ft. below spur, drains N. 70° E.; ascend gradually.
- 59.00 Ridge, 45 ft. above gulch, bears E. and W.; descend gradually.
- 77.00 Begin abrupt ascent bears E. and W.
- 80.31 On steep N. slope, 250 ft. below ridge, the cor. secs. 19, 24, 25 and 30, which is a sandstone, 14 x 10 x 12 ins. lying on ground, marked and witnessed as described by the surveyor general. I efface marks on bearing trees pertaining to R. 5 E., and reestablish cor. as follows. Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to solid rock and 20 ins. in a mound of stone, alongside old cor., for cor. secs. 19 and 30, with brass cap marked.

T30S  
R5E R6E  
| S19  
S25 | S30

1920

From which

A red pine, 8 ins. dia., bears N. 77° E., 47 lks. dist., marked T30S R6E S19 BT.

A red pine, 8 ins. dia., bears S. 22° E., 68 lks.

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

dist., marked T30S R6E S30 BT.

Land, rough and mountainous, broken by sandstone ledges.

Soil, shallow red sandy loam.

Drainage, E, into Sulphur Wash.

Undergrowth, scattering shadscale and bunch grass.

Timber, dense yellow pine and scattering cedar and pinon

Exceedingly good grazing on all of mile.

N. 0°21' E., on a resurvey line along the W. bdy. sec. 19

Descend abruptly over rough mountainous land, through dense yellow pine, cedar and pinon timber and scattering undergrowth of sagebrush and bunch grass.

.08 On steep N. slope; northing of 40.00 chs. from the  $\frac{1}{4}$  sec. cor. sec. 25.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to solid rock and 20 ins. in a mound of stone, for cor. secs. 24 and 25, with brass cap marked.

T30S	
R5E	R6E
S24	S19
S25	

1920

From which

A red pine, 24 ins. dia., bears S. 56° W., 16 lks. dist., marked T30S R5E S25 BT.

A yellow pine, 8 ins. dia., bears N. 21° W., 26 lks. dist., marked T30S R5E S24 BT.

12.30 Gulch, 150 ft. below cor., drains E.; ascend abruptly.

16.50 Spur, 200 ft. above gulch, projects E.; descend abruptly.

25.00 Head of gulch, 170 ft. below spur, drains E.; ascend abruptly.

33.50 Ridge, 75 ft. above gulch, bears E. and W.; descend abruptly N. slope of ridge.

40.08 On steep N. slope, 150 ft. below top of ridge; northing of 40.00 chs. from the cor. secs. 24 and 25.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone,

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

for  $\frac{1}{4}$  sec. cor. sec. 24, with brass cap marked.

$\frac{1}{4}$ S24

1920

From which

A pinon, 10 ins. dia., bears S.  $10^{\circ}$  W., 28 lks. dist., marked  $\frac{1}{4}$  S24 BT.

A pinon, 10 ins. dia., bears N.  $77^{\circ}$  W., 31 lks. dist., marked  $\frac{1}{4}$  S24 BT.

40.21 On steep N. slope, the  $\frac{1}{4}$  sec. cor. secs. 19 and 24, which is a white sandstone, 15 x 10 x 36 ins. above a mound of stone, firmly set, marked and witnessed as described by the surveyor general. I efface marks on bearing trees pertaining to R. 5 E., and reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, alongside old cor., for  $\frac{1}{4}$  sec. cor. sec. 19, with brass cap marked.

$\frac{1}{4}$ S19

1920

From which

A yellow pine, 10 ins. dia., bears N.  $67^{\circ}$  E., 122 lks. dist., marked  $\frac{1}{4}$  S19 BT.

A pinon, 6 ins. dia., bears S.  $27^{\circ}$  E., 18 lks. dist., marked  $\frac{1}{4}$  S19 BT.

Thence N.  $0^{\circ}37'$  E., with continuous measurement.

53.50 Gulch, 230 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend abruptly.

61.50 Spur, 180 ft. below gulch, projects NE.; descend gradually.

79.76 On gentle N. slope, 75 ft. below spur, the cor. of secs. 13, 18, 19 and 24, which is a lava rock, 15 x 14 x 12 ins. above a mound of stone, with an iron post, 3 ins. dia., extending 12 ins. above mound of stone for forest bdy. con, set alongside stone; both cors. firmly set, marked and witnessed as described by the surveyor general. I efface marks on iron post and bearing trees that pertain to R. 5 E., and reestablish stone cor. as follows.

RESURVEY OF THE EAST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to solid rock and 10 ins. in a mound of stone, alongside old cor., for cor. secs. 18 and 19, with brass cap marked.

T30S	R5E	R6E
	S18	
	S24	S19

1920

From which

A pinon, 10 ins. dia., bears N. 50° E., 60 lks. dist., marked T30S R6E S18 BT.

A pinon, 8 ins. dia., bears S. 45° E., 70 lks. dist., marked T30S R6E S19 BT.

Land, rough and mountainous.

Soil, shallow black loam, mixed with loose sandstone.

Drainage, NE. into Sulphur Wash.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense yellow pine, cedar and pinon.

Exceedingly good grazing on all of mile.

N. 0°41' E., on a resurvey line along the W. bdy. sec. 18.

Descend gradually over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of sagebrush and bunch grass.

.32 On gentle N. slope; northing of 40.00 chs. from the  $\frac{1}{2}$  sec. cor. sec. 24.

Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to solid rock and 10 ins. in a mound of stone, for cor. secs. 13 and 24, with brass cap marked.

T30S	R5E	R6E
	S13	S18
	S24	

1920

From which

A pinon, 6 ins. dia., bears S. 35° W., 8 lks.

dist., marked T30S R5E S24 BT.

RESURVEY OF THE EAST BOUNDARY OF T. 20 S., R. 5 E.

CHAINS

A pinon, 10 ins. dia., bears N. 45° W., 36 lks. dist., marked T30S R5E S13 BT.

4.50 Gulch, 45 ft. below cor., drains S. 70° E.; ascend abruptly.

13.70 Red sandstone ridge, 150 ft. above gulch, bears N. 70° W. and S. 70° E.; forms the divide bet. Sulphur Wash and Carcass Creek; descend abruptly.

34.50 Wash, 40 lks. wide, 8 ft. deep, in large draw, drains NW.; ascend gradually.

35.10 Road from Grover to Boulder, bears NW. and SE.

39.85 On gentle SW. slope of draw, 25 ft. above wash; the  $\frac{1}{2}$  sec. cor. secs. 13 and 18, which is a cedar post, 5 ins. dia., extending 15 ins. above ground, firmly set, marked and witnessed as described by the surveyor general, alongside of which.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor. sec. 18, with brass cap marked.

$\frac{1}{2}$  S18

1920

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist. No suitable bearing trees available.

Thence N. 0°19' E., with continuous measurement.

40.32 On gentle SW. slope of draw; northing of 40.00 chs. from cor. secs. 13 and 24.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 13, with brass cap marked.

$\frac{1}{4}$  S13

1920

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist. No suitable bearing trees available.

70.00 Spur, 175 ft. above the  $\frac{1}{2}$  sec. cor. sec. 18, projects SW.; descend gradually.

79.00 Head of gulch, 55 ft. below spur, drains SW.; ascend gradually.

79.35 On steep rocky W. slope, 25 ft. above head of gulch; the cor. secs. 7, 12, 15 and 18, which is a hard red sandstone, 10 x 10 x 12 ins. above a mound of stone, firmly set, marked and witnessed as described by the surveyor general.

RESURVEY OF THE NORTH BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

Land, broken, with a northwesterly drainage.  
 Soil, shallow red sandy loam.  
 Undergrowth, scattering sagebrush and bunch grass.  
 Timber, dense cedar and pinon. Fair grazing.

RESURVEY OF THE NORTH BOUNDARY OF T. 30 S., R. 5 E.

From the true point for cor. Ts. 29 and 30 S., Rs. 4 and 5 E., which is 50 lks. S. of the witness cor., hereinaft described.

East, on a retracement line bet. secs. 6 and 31.

39.70 Fall 3 lks. S. of the  $\frac{1}{4}$  sec. cor. set by the Forest Service which is a blue limestone; 10 x 10 x 8 ins. above ground firmly set, marked and witnessed as described by the surveyor general. I efface marks on cor.

Continue E. on same line with continuous measurement.

79.44 Find no trace of the cor. secs. 5, 6, 31 and 32.

Continue E. on same line with continuous measurement.

119.64 Fall 79 lks. N. of the  $\frac{1}{4}$  sec. cor. secs. 5 and 32, which is a lava boulder, 36 x 46 x 60 ins. above ground, marked and witnessed as described by the surveyor general, along side of which.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S32.  
 $\frac{1}{2}$   
 S5  
 1920

From which

A pinon, 12 ins. dia., bears S. 80° E., 15 lks. dist., marked  $\frac{1}{2}$  S5 BT.

A pinon, 16 ins. dia., bears N. 80° W., 18 lks. dist., marked  $\frac{1}{2}$  S32 BT.

The bearing of this mile and half is therefore S. 89° 37' E. and the dist., is 119.64 chs.

Thence

RESURVEY OF THE NORTH BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

As the true point for cor. of Ts. 29 and 30 S., Rs. 4 and 5 E., which is 50 lks. S. of the witness cor. to the cor. of Ts. 29 and 30 S., Rs. 4 and 5 E.; which is a white sandstone 10 x 10 x 12 ins. above ground, along side an iron post 3 ins. dia., extending 12 ins. above ground, with brass cap, set by the Forest Service, both cap and stone marked and witnessed as described by the surveyor general, falls where a permanent cor. can be set, I establish township cor. at its true position as follows. Set an iron post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for cor. Ts. 29 and 30 S., Rs. 4 and 5 E., with brass cap marked:

T29S	
R4E	R5E
S36	S31
S1   S6	
T30S	
1920	

From which

A yellow pine, 30 ins. dia., bears N. 61°30' E.,  
450 lks. dist., marked T29S R5E S31 BT.

A yellow pine, 24 ins. dia., bears S. 57° E.,  
360 lks. dist., marked T30S R5E S6 BT.

No other bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Thence

S. 89°37' E., on a resurvey line bet. secs. 6 and 31.

Ascend abruptly over sandstone ledges, through scattering yellow pine, cedar and pinon timber and scattering undergrowth of sagebrush and bunch grass.

4.50 Top of high sandstone ledge, 120 ft. above cor., bears NE. and SW.; descend abruptly.

6.00 Enter level land, bears NE. and SW.

21.20 Leave level land, bears NE. and SW. and ascend abruptly over sandstone ledges.

24.40 Top of high sandstone ledges, 150 ft. high, bears N. and S.; descend abruptly.

RESURVEY OF THE NORTH BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

- 32.00. Leave sandstone ledges, 150 ft. below top, bears NE. and SW.; thence over level land.
- 32.51 On level land at N. end of cultivated land; proportionate measurement.
- Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for the reestablished  $\frac{1}{2}$  sec. cor. secs. 6 and 31, with brass cap marked.
- |               |
|---------------|
| S31           |
| $\frac{1}{2}$ |
| S6            |
| 1920          |
- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. No suitable bearing trees available.
- Continue on same line with continuous measurement.
- 50.00 Large wash, 30 lks. wide, 15 ft. deep, drains N. 60° E.
- 57.80 Road, bears NE. and SW.
- 61.10 Wash, 30 lks. wide, 10 ft. deep, course N. 30° E.
- 68.00 North point of lone hill, 50 ft. high, covered with dense cedar and pinon timber.
- 74.00 Wash, 30 lks. wide, 12 ft. deep, drains N. 20° E.
- 79.57 On level land; proportionate measurement.
- Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for the reestablished cor. secs. 5, 6, 31 and 32, with brass cap marked.
- |      |     |
|------|-----|
| T29S | R5E |
| S31  | S32 |
| S6   | S5  |
| T30S |     |
| 1920 |     |
- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. No suitable bearing trees available.
- Land, level bottom of cove, broken in places by high sandstone ledges.
- Soil, deep, rich sandy loam.
- Drainage, NE. into Fish Creek.
- Undergrowth, scattering sagebrush and bunch grass.
- Timber, scattering cedar, pinon and yellow pine.
- Exceedingly good grazing on all of mile.

RESURVEY OF THE FIRST GUIDE MERIDIAN EAST

OR THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

From the true cor. to Ts. 29 and 30 S., Rs. 4 and 5 E.  
 South, on a resurvey line bet. secs. 1 and 6.  
 Over broken sandstone ledges, through scattering cedar,  
 pinon and yellow pine timber and scattering undergrowth  
 of sagebrush and bunch grass.

.40 Wash, 30 lks. wide, 4 ft. deep, drains NE.

5.50 Base of high sandstone ridge, bears NE. and SW.; thence  
 ascend abruptly over nearly inaccessible sandstone  
 ledges.

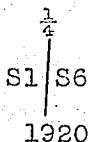
12.00 Top of high, sandstone ridge, 210 ft. high, bears SW. and  
 NE.; descend abruptly from ridge over sandstone ledges.

30.00 Base of 220 ft. descent from top of ridge, bears E. and  
 W.; thence over level land.

35.50 Wash, 40 lks. wide, 8 ft. deep, drains. NE.

40.00 Find no trace of old  $\frac{1}{4}$  sec. cor. I reestablish cor. as  
 follows.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
 ground, for reestablished  $\frac{1}{4}$  sec. cor. secs. 1 and 6,  
 with brass cap marked.



From which

A pinon, 14 ins. dia., bears N. 65° E., 300 lks.  
 dist., marked  $\frac{1}{4}$  S6 BT.

A yellow pine, 16 ins. dia., bears N. 73° W.,  
 245 lks. dist., marked  $\frac{1}{4}$  S1 BT.

40.07 Intersect cor. set by Forest Department, which is an iron  
 post, 3 ins. dia., extending 12 ins. above ground, marked  
 and witnessed as described by the surveyor general. I  
 efface all marks on cor. and bearing trees that pertain  
 to the  $\frac{1}{4}$  sec. cor.

Land, level except for high sandstone ridge bet. 5.50 chs.  
 and 30.00 chs. points.

Soil, deep, rich sandy loam.

RETRACEMENT OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Drainage, NE. into Fish Creek.  
 Undergrowth, scattering sagebrush and bunch grass.  
 Timber, scattering cedar, pinon and yellow pine.  
 Exceedingly good grazing on all of mile.

RETRACEMENT OF SUBDIVISION OF T. 30 S., R. 5 E.

From the cor. on E. bdy. of the township for secs. 7, 12, 13 and 18, heretofore described: Being able to see cor. secs. 11, 12, 13 and 14, to visible signal at cor. secs. 11, 12, 13 and 14. S.  $33^{\circ}50'$  W., on a retracement line along the S. bdy. sec. 12.

20.60 Intersect the cor. secs. 11, 12, 13 and 14, hereinafter described. The bearing of this portion of mile is therefore S.  $33^{\circ}50'$  W., and the dist. is 20.60 chs.

From the cor. secs. 11, 12, 13 and 14. West, on a retracement line along the S. bdy. sec. 11.

40.00 Find no trace of  $\frac{1}{4}$  sec. cor. Continue on same line with continuous measurement.

79.02 Fall 53 lks. N. of the cor. secs. 10, 11, 14 and 15, hereinafter described. The bearing of this mile is therefore S.  $89^{\circ}37'$  W., and the dist. is 79.02 chs.

From the cor. secs. 10, 11, 14 and 15.

39.90 North, on a retracement line bet. secs. 10 and 11. Fall 55 lks. W. of the  $\frac{1}{4}$  sec. cor. secs. 10 and 11, hereinafter described. The bearing of this  $\frac{1}{2}$  mile is therefore N.  $0^{\circ}47'$  E., and the dist. is 39.90 chs.

79.59 North, on same line with continuous measurement. Fall 156 lks. W. of the cor. secs. 2, 3, 10 and 11, hereinafter described. The bearing of this  $\frac{1}{2}$  mile is therefore N.  $1^{\circ}27'$  E., and the dist. is 39.70 chs.

RETRACEMENT OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From the cor. secs. 2, 3, 10 and 11.  
West, on a retracement line bet. secs. 3 and 10.

40.00 Find no trace of the  $\frac{1}{2}$  sec. cor.  
Continue W. on same line with continuous measurement.

79.74 Fall 21 lks. S. of the cor. secs. 3, 4, 9 and 10, hereinafter described.

The bearing of this mile is therefore N.  $89^{\circ}51'$  W., and the dist. is 79.74 chs.

From the cor. secs. 3, 4, 9 and 10.  
West, on a retracement line bet. secs. 4 and 9.

38.62 Fall 12 lks. S. of the  $\frac{1}{2}$  sec. cor. set by the Forest Service, hereinafter described.

40.00 Find no trace of the old  $\frac{1}{2}$  sec. cor.  
Continue W. on same line with continuous measurement.

77.24 Fall 22 lks. S. of the cor. secs. 4, 5, 8 and 9, hereinafter described.

The bearing of this mile is therefore N.  $89^{\circ}50'$  W., and the dist. is 77.24 chs.

From the cor. secs. 4, 5, 8 and 9.  
West, on a retracement line bet. secs. 5 and 8.

29.37 Fall 58 lks. S. of the  $\frac{1}{2}$  sec. cor., hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is therefore N.  $88^{\circ}52'$  W., and the dist. is 29.38 chs.

Continue W. on same line with continuous measurement.

68.23 Fall 106 lks. N. of the cor. secs. 5, 6, 7 and 8, hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is therefore S.  $87^{\circ}40'$  W., and the dist. is 38.89 chs.

N.  $0^{\circ}05'$  E., on a retracement line bet. secs. 5 and 6.

39.55 Fall 12.53 chs. E. of the  $\frac{1}{2}$  sec. cor., hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is therefore N.  $17^{\circ}30'$  W., and the dist. is 41.47 chs.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Offset to  $\frac{1}{4}$  sec. cor. and run N.  $0^{\circ}05'$  E., beginning new measurement.  
 41.74 Fall 6 lks. E. of the reestablished cor. secs. 5, 6, 31 and 32, on the N. bdy. of the township.  
 The bearing of this  $\frac{1}{2}$  mile is therefore N., and the dist. is 41.74 chs.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

From the cor. on the E. bdy. of the township, for secs. 7, 12, 13 and 18.  
 S.  $35^{\circ}50'$  W., on a resurvey line along the S. bdy. sec. 12  
 Descend abruptly over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of sagebrush and bunch grass.  
 19.50 Gulch, 110 ft. below cor., drains W.; ascend abruptly.  
 10.29 Point for closing cor. secs. 13 and 14, hereinafter described.  
 17.80 Spur, 115 ft. above gulch, projects S.  $80^{\circ}$  W.; descend abruptly.  
 20.60 On gentle SW. slope, 85 ft. below top of spur, the cor. secs. 10, 11, 14 and 15, which is a red sandstone, 10 x 10 x 12 ins. above a mound of stone, firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as follows.  
 Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to bedrock and 10 ins. in a mound of stone, alongside old cor., for cor. secs. 11 and 12, with brass cap marked.

T30S R5E  
 S11 | S12

S14

1920

From which  
 A pinon, 10 ins. dia., bears N.  $25^{\circ}$  E., 49 lks. dist., marked T30S R5E S12 BT.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A pinon, 6 ins. dia., bears N. 12° W., 21 lks. dist., marked T308 R5E S11 BT.

Land, rough and mountainous, broken by deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, W. into Carcass Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense cedar and pinon.

Good grazing on all of mile.

S. 89°37' W., on a resurvey line along the S. bdy. sec. 11.

Descend gradually, through scattering cedar and pinon timber and scattering undergrowth of sagebrush and bunch grass.

7.00 Enter large draw, drains NW.; thence over rolling bottom of draw.

12.20 Road from Grover to Boulder, bears S. 15° E. and N. 15° W.

13.40 Wash in bottom of draw, 30 lks. wide, 10 ft. deep, drains NW.

34.26 On gentle E. slope of draw; point midway bet. cor. secs. 14 and 15 and cor. secs. 13 and 14.

Set an iron post, 3 ft. <sup>long</sup> 1 in. dia., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor. sec. 14, with brass cap marked.

S14

1920

From which

A pinon, 8 ins. dia., bears S. 8° E., 266 lks. dist., marked  $\frac{1}{2}$  S14 BT.

No other suitable bearing tree available.

37.00 Leave bottom of draw, bears NW. and SE.; ascend over broken sandstone.

38.00 Low spur, 35 ft. high, projects N. 20° W.; descend abruptly.

39.00 Gulch, 45 ft. below spur, drains N. 20° W.; ascend abruptly.

39.51 On broken land, 45 ft. above gulch; proportionate measurement.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

ground to bedrock and 10 ins. in a mound of stone, for reestablished  $\frac{1}{4}$  sec. cor. sec. 11, with brass cap marked

$\frac{1}{2}$ S11

From which 1920

A pinon, 10 ins. dia., bears N. 27° E., 17 lks. dist., marked  $\frac{1}{4}$  S11 BT.

A pinon, 12 ins. dia., bears N. 43° W., 53 lks. dist., marked  $\frac{1}{4}$  S11 BT.

41.50 Top of sandstone ledges, 65 ft. above the  $\frac{1}{2}$  sec. cor. sec. 11, bears N. and S.; continue ascent.

56.00 Ridge, 110 ft. above top of ledge, bears N. and S.; descend abruptly.

62.50 Gulch, 105 ft. below top of ridge, drains N.; ascend gradually.

64.90 Spur, 45 ft. above gulch, projects N.; descend gradually.

73.50 Gulch, 50 ft. below spur, drains N.; ascend abruptly.

74.26 Point for cor. secs. 14 and 15, hereinafter described.

78.50 Low ridge, 125 ft. above gulch, bears NE. and SW.; descend gradually.

79.02 On gentle SW. slope of ridge, 10 ft. below top, the cor. secs. 10, 11, 14 and 15, which is a lava rock, 14 x 12 x 12 ins. above a mound of stone, firmly set, marked and witnessed as described by the surveyor general, alongside of which is an iron post, 3 ins. dia., extending 12 ins. above ground, set by the Forest Service, with brass cap marked and witnessed as described by the surveyor general. I efface all marks on both cors. and bearing trees that pertain to secs. 10, 14 and 15, and reestablish cor. as follows.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bedrock and 20 ins. in a mound of stone, alongside old cor., for cor. sec. 11, with brass cap marked.

T30S  
R5E  
S11

S15

1920

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From which

A pinon, 10 ins. dia., bears N. 71° E., 44 lks.  
dist., marked T30S R5E S11 BT.

Land, rough and mountainous.

Soil, shallow red sandy loam.

Drainage, N. into Carcass Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, scattering cedar and pinon.

Good grazing on all of mile.

N. 0°47' E., on a resurvey line along the W. bdy. sec. 11.

Over rolling top of bench through dense cedar and pinon  
timber and scattering undergrowth of sagebrush and  
bunch grass.

18.48 Point for the cor. secs. 10 and 15, hereinafter described.

32.70 Brush fence, bears E. and W.

54.40 Irrigation ditch, 5 lks. wide, 1½ ft. deep, drains N. 60° E.,  
leave bench land, bears E. and W.

35.50 Carcass Creek, stream of good clear water, 10 lks. wide,  
6 ins. deep, in canyon, 45 ft. below top of bench,  
drains NE.; ascend gradually.

37.50 Old road from Grover to Boulder Mountain, bears NE. and SW.

39.20 On rolling top of bench land, 65 ft. above Carcass Creek,  
the ¼ sec. cor., which is a granite, 20 x 10 x 14 ins.  
above a mound of stone, firmly set, marked and witnessed  
as described by the surveyor general. I efface marks on  
bearing tree that pertain to sec. 10, and reestablish  
cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the  
ground to bedrock and 20 ins. in a mound of stone, <sup>alongside old cor.,</sup> for  
¼ sec. cor. sec. 11, with brass cap marked.

1/4 S11

1920

From which

A cedar, 15 ins. dia., bears N. 55° E., 23 lks.  
dist., marked ¼ S11 BT.

A pinon, 15 ins. dia., bears S. 41° E., 31 lks.  
dist., marked ¼ S11 BT.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

51.60 Spur, 45 ft. above the  $\frac{1}{4}$  sec. cor., projects E.; descend gradually.

53.49 On gentle N. slope, 25 ft. below spur, northing of 40.00 from the cor. secs. 10 and 15.

Set an iron post, 5 ft. long, 1 in. dia., 16 ins. in the ground to bedrock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 10, with brass cap marked

$\frac{1}{4}$ S10
1920

From which

A pinon, 10 ins. dia., bears S.  $14^{\circ}$  W., 89 lks. dist., marked  $\frac{1}{4}$  S10 BT.

A cedar, 12 ins. dia., bears N.  $80^{\circ}$  W., 98 lks. dist., marked  $\frac{1}{4}$  S10 BT.

70.30 Road in gulch, bears NW. to Grover and SE. to Boulder; gulch, drains SE., 15 ft. below the  $\frac{1}{4}$  sec. cor.; ascend abrupt S. slope of lone red hill.

79.60 On steep SW. slope of lone hill, 110 ft. above road, the cor. secs. 2, 3, 10 and 11, which is a red sandstone, 12 x 6 x 12 ins: above mound of stone, firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as follows:

Set an iron post, 5 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock and 12 ins. in a mound of stone, alongside old cor., for cor. secs. 2, 3, 10 and 11, with brass cap marked.

T30S	R5E
S3	S2
S10	S11

1920

From which

A pinon, 10 ins. dia., bears N.  $22^{\circ}15'$  E., 60 lks. dist., marked T30S., R5E S2 BT.

A pinon, 8 ins. dia., bears S.  $3^{\circ}30'$  E., 172 lks. dist., marked T30S R5E S11 BT.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A pinon, 10 ins. dia., bears S. 46° W., 140 lks. dist., marked T30S R5E S10 BT.

A pinon, 12 ins. dia., bears N. 74° W., 183 lks. dist., marked T30S R5E S3 BT.

Land, rolling bench land and low hills.

Soil, shallow red sandy loam mixed with red clay.

Drainage, SE. into Carcass Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense cedar and pinon.

Good grazing on all of mile.

N. 89°51' W., on a resurveyed line bet. secs. 9 and 10.

Descend abruptly over mountainous land, through scattering cedar and pinon timber and scattering undergrowth of sagebrush and bunch grass.

8.50 At foot of steep descent, bears N. 20° W. and S. 20° E., 75 ft. below cor., road bears N. 20° W. to Grover and S. 20° E. to Boulder; thence over rolling land.

8.80 Three wire fence, bears N. and S.

8.90 Enter cultivated land, bears N. and S.

12.10 One wire telephone line from Grover to Ranger's Station, bears N. and S.

12.60 Irrigation ditch, 5 lks. wide, 2 ft. deep, drains N. 30° W.

36.74 In cultivated land, easting of 40.00 chs. from the cor. secs. 9 and 10.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor. sec. 10, with brass cap marked.

1/4 S10

1920

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. No suitable bearing trees available.

39.87 In cultivated land; proportionate measurement.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor. secs 3, with brass cap marked

1/4 S3

1920

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- . . . . . Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- No suitable bearing trees available.
- 41.20 Leave cultivated land, bears NW. and SE.
- 41.90 Irrigation ditch, 5 lks. wide, 2 ft. deep, drains NW.
- 44.40 Brush fence, bears NW. and SE.
- 49.00 Wash, 30 lks. wide, 4 ft. deep, drains N.
- 62.00 Old wood road, bears N. and S.

76.74 Point for cor. secs. 9 and 10, hereinafter described.

79.74 The cor. secs. 3, 4, 9 and 10, which is a lava rock, 12 x 12 x 14 ins. above mound of stone, firmly set, marked and witnessed as described by the surveyor general, alongside of which is an iron post, 3 ins. dia. extending 12 ins. above a mound of stone, set by the Forest Service, with brass cap marked and witnessed as described by the surveyor general. I efface marks on both cors. and bearing trees that pertain to secs. 9 and 10, and reestablish cor. as follows.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bedrock and 20 ins. in a mound of stone, alongside old cor., for cor. secs. 3 and 4, with brass cap marked.

T30S	R5E
S4	S3

S9

1920

From which

A cedar, 12 ins. dia., bears N. 19°30' E., 40 lks. dist., marked T30S R5E S3 BT

A pinon, 10 ins. dia., bears N. 52°15' W., 81 lks. dist., marked T30S R5E S4 BT.

From this cor., a lone white sandstone ledge, 65 ft.

high, bears SE., 8.00 chs. dist.,

Land, rolling foot hills.

Soil, deep red sandy loam.

Drainage, N. into the Fremont River.

Undergrowth, scattering sagebrush and bunch grass.

Timber, scattering cedar and pinon. Good grazing.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

N. 89°50' W., on a resurvey line bet. secs. 4 and 9.  
Ascend gradually over broken mountainous land, through  
dense cedar and pinon timber and scattering undergrowth  
of sagebrush and bunch grass.

- 8.00 Spur, 90 ft. above cor., projects S.; descend gradually.
- 10.70 Swale, 45 ft. below spur, drains N. 10° E.; ascend gradually.
- 27.80 Spur, 120 ft. above swale, projects N.; thence over  
rolling land.
- 37.12 On rolling land, same level as spur; point midway between  
cor. secs. 8 and 9 and cor. secs. 9 and 10.  
Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the  
ground to bedrock and 10 ins. in a mound of stone, for  
 $\frac{1}{4}$  sec. cor. sec. 9, with brass cap marked.

$\frac{1}{4}$ S9  
1920

From which

A pinon, 8 ins. dia., bears S. 22° E., 14 lks.  
dist., marked  $\frac{1}{4}$  S9 BT.

A pinon, 8 ins. dia., bears S. 26° W., 32 lks.  
dist., marked  $\frac{1}{4}$  S9 BT.

- 38.62 Proportionate measurement; the  $\frac{1}{4}$  sec. cor. secs. 4 and 9,  
set by the Forest Service, which is a blue lime stone,  
10 x 10 x 10 ins. above ground, firmly set, marked and  
witnessed as described by the surveyor general. I destroy  
marks on bearing tree that pertain to sec. 9, and  
reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
ground, alongside old cor., for  $\frac{1}{4}$  sec. cor. sec. 4,  
with brass cap marked.

$\frac{1}{4}$ S4

1920

From which

A pinon, 8 ins. dia., bears N. 28°30' E., 45 lks.  
dist., marked  $\frac{1}{4}$  S4 BT.

A pinon, 6 ins. dia., bears N. 75° W., 5 lks.  
dist., marked  $\frac{1}{4}$  S4 BT.

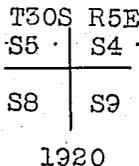
RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Continue on same line with continuous measurement.

77.24 On rolling land, the cor. secs. 4, 5, 8 and 9, which is a lava rock, 12 x 12 x 10 ins. above mound of stone, firmly set, marked and witnessed as described by the surveyor general, alongside of which is an iron post, 3 ins. dia., <sup>set by Forest Service</sup> extending 12 ins. above mound of stone, with brass cap, marked and witnessed as described by the surveyor general. I reestablish cor. as follows.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock and 12 ins. in a mound of stone, alongside old cor., for cor. secs. 4, 5, 8 and 9, with brass cap marked.



From which

A pinon, 5 ins. dia., bears N. 9° E., 46 lks. dist., marked T30S R5E S4 BT.

A pinon, 10 ins. dia., bears S. 45°30' E., 71 lks. dist., marked T30S R5E S9 BT.

A pinon, 6 ins. dia., bears S. 43°30' W., 69 lks. dist., marked T30S R5E S8 BT.

A pinon, 12 ins. dia., bears N. 82°30' W., 24 lks. dist., marked T30S R5E S5 BT.

Land, broken and mountainous.

Soil, shallow red sandy loam.

Drainage, N. into the Fremont River.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense cedar and pinon.

Good grazing on all of mile.

N. 88°52' W., on a resurvey line bet. secs. 5 and 8.

Descend gradually over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of sagebrush and bunch grass.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- 1.50 Gulch, 45 ft. below cor., drains N.; ascend gradually.
- 3.90 Road from Boulder Mountain <sup>Grover or</sup> to Teasdale, bears N. 20° W. and S. 20° E.
- 11.40 Spur, 69 ft. above gulch, projects NW.; descend gradually.
- 16.70 Gulch, 60 ft. below spur, drains N.; ascend gradually.
- 20.10 Spur, 60 ft. above gulch, projects N.; descend gradually.
- 25.20 Fish Creek, stream of good clear water, 10 lks. wide, 6 ins. deep, in gulch, 75 ft. below spur, drains N. 15° W.; ascend gradually.

29.38 On rolling land, 65 ft. above Fish Creek, the  $\frac{1}{4}$  sec. cor., which is a lava rock, 10 x 4 x 8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general; I efface marks on bearing tree to the S., and reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, alongside old cor., for  $\frac{1}{4}$  sec. cor. sec. 5, with brass cap marked.

$\frac{1}{4}$ S5

1920

From which

A pinon, 8 ins. dia., bears N. 17° 15' W., 46 lks. dist., marked  $\frac{1}{4}$  S5 BT.

A pinon, 6 ins. dia., bears N. 46° E., 57 lks. dist., marked  $\frac{1}{4}$  S5 BT.

Thence S. 87° 40' W., with continuous measurement.

- 40.05 On gentle E. slope, 35 ft. above  $\frac{1}{4}$  sec. cor. sec. 5, point midway bet. cor. secs. 4, 5, 8 and 9, and cor. secs. 7 and 8.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bed rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 8, with brass cap marked.

$\frac{1}{4}$ S8

1920

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- From which . . . . .
- A pinon, 12 ins. dia., bears S. 33° E., 44 lks. dist., marked  $\frac{1}{4}$  S8 BT.
- A pinon, 6 ins. dia., bears S. 47° W., 11 lks. dist., marked  $\frac{1}{4}$  S8 BT.
- 56.00 Top of ridge, 175 ft. above  $\frac{1}{4}$  sec. cor. sec. 8, bears N.E. and S.W.; descend abruptly over broken sandstone ledges.
- 67.25 The witness cor. to cor. secs. 5, 6, 7 and 8, set by the Forest Service, which is an iron post, 3 ins. dia., extending 12 ins. above a mound of stone, with brass cap, marked and witnessed as described by the surveyor general. Efface marks on cor. that pertain to secs. 7 and 8.
- 68.27 On smooth surface of sandstone ledge, 215 ft. below ridge, bears N. and S., the old cor. secs. 5, 6, 7 and 8, which is a cross with 5 grooves on E. and S. sides of it and a bearing tree, which is.
- A yellow pine, 25 ins. dia., bears N. 81°30' E. 31 lks. dist., marked T30S R5E S5 BT.
- There being no other bearing trees available, or a suitable place to set an iron post, I leave cor. as it is for secs. 5 and 6.
- Land, rough and mountainous, broken by sandstone ledges.  
Soil, shallow red sandy loam.  
Drainage, N. by Fish Creek.  
Undergrowth, scattering sagebrush and bunch grass.  
Timber, dense cedar and pinon.  
Good grazing on all of mile.
- 
- West, on a resurvey line along the S. bdy. sec. 6.  
Ascend gradually over sandstone ledges, through scattering cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush and bunch grass.
- 1.00 Top of sandstone ledge, 15 ft. above cor., bears N. and S.; descend abruptly.

## RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

## CHAINS

- 11.83 On gentle N. slope, 165 ft. below ledge; point for cor. secs. 7 and 8, hereinafter described.
- 20.00 Wash, 40 lks. wide, 3 ft. deep, course N. 20° E.
- 24.00 Wash, 40 lks. wide, 4 ft. deep, course N. 50° E.; thence ascend abruptly over sandstone ledge.
- 29.00 Top of sandstone ledge, 210 ft. above point for cor. secs. 7 and 8, bears N. and S.; descend abruptly over sandstone ledges.
- 39.50 Gulch, 150 ft. below ledge, drains NE.; ascend abruptly.
- 40.00 On steep E. slope, 25 ft. above gulch, find no trace of the old  $\frac{1}{4}$  sec. cor. but intersect the  $\frac{1}{4}$  sec. cor. set by the Forest Service, which is an iron post, 3 ins. dia., extending 12 ins. above mound of stone, with brass cap, marked and witnessed as described by the surveyor general. I efface marks on post that pertain to sec. 7, and reestablish cor. as follows. Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock and 10 ins. in a mound of stone, alongside forest cor. for  $\frac{1}{4}$  sec. cor. sec. 6, with brass cap marked.

 $\frac{1}{4}$ S6

1920

From which

A pinon, 8 ins. dia., bears N. 29° E., 38 lks. dist., marked  $\frac{1}{4}$  S6 BT.

A yellow pine, 18 ins. dia., bears N. 34° W., 7 lks. dist., marked  $\frac{1}{4}$  S6 BT.

These bearing trees are the same trees used by the Forest Service.

Land, rough and mountainous, broken by sandstone ledges.

Soil, shallow red sandy loam.

Drainage, N. into Fish Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, scattering cedar, pinon and yellow pine.

Good grazing on all of  $\frac{1}{2}$  mile.

RESURVEY OF SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

N. 17°30' W.; on a resurvey line bet. secs. 5 and 6.

Descend abruptly over broken sandstone ledges, through scattering cedar, pinon and yellow pine timber, and scattering undergrowth of sagebrush and bunch grass.

16.00 Gulch, 150 ft. below cor., drains N. 30° E.; ascend abruptly over sandstone ledges.

22.10 Top of sandstone ridge, 210 ft. above gulch, bears NE. and SW.; descend abruptly.

41.47 On rolling land, 250 ft. below top of ridge, the  $\frac{1}{4}$  sec. cor. secs. 5 and 6, which is a sandstone, 10 x 8 x 10 in. above ground, firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as follows.

Set an iron post, 3 ft. long; 1 in. dia., 26 ins. in the ground, alongside old cor., for  $\frac{1}{4}$  sec. cor. secs. 5 and 6, with brass cap marked.

S6 | S5

From which

A yellow pine 12 ins. dia., bears N. 75° E., 34 lks. dist., marked  $\frac{1}{4}$  S5 BT.

A yellow pine, 12 ins. dia., bears N. 52°30' W., 33 lks. dist., marked  $\frac{1}{4}$  S6 BT.

Thence N., with continuous measurement.

42.00 Wash, 40 lks. wide, 4 ft. deep, drains N. 20° E.; thence over rolling land.

83.21 Intersect the N. <sup>of Tp.</sup> bdy. at the cor. secs. 5, 6, 31 and 32.

Land, broken by outcroppings of sandstone ledges.

Soil, deep, rich sandy loam.

Drainage, N. 20° E. into Fish Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, scattering cedar, pinon and yellow pine.

Good grazing on all of mile.

SURVEY OF THE FIRST GUIDE MERIDIAN EAST

OR THE WEST BOUNDARY OF T. 30-S., R. 5 E.

CHAINS

From the  $\frac{1}{4}$  cor. on W. bdy. of the township for secs. 1 and 6.

South on random line along the W. bdy. of the township.

422.25 Intersect the Sixth Standard Parallel South, 30 lks. W., of the temp. point left on line W. from the Standard Cor. T. 30 S., Rs. 5 and 6 E., heretofore described.

Thence

From the point of intersection, which is the point for the Standard Cor. T. 30 S., Rs. 4 and 5 E., hereinafter described.

North, along the W. bdy. of the township by First Guide Meridian East bet. secs. 31 and 36

Descend abruptly over rough mountainous land, through dense yellow and red pine and scattering bunches of dense aspen timber and scattering undergrowth of sagebrush.

3.00 Gulch, 75 ft. below cor., drains W.; ascend gradually.

8.70 Spur, 60 ft. above gulch, projects W.; descend abruptly.

18.90 Draw, 215 ft. below spur, drains W.; ascend gradually.

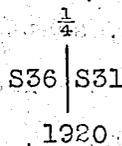
24.00 Spur, 45 ft. above draw, projects W.; descend gradually.

33.00 Draw, 150 ft. below spur, drains N. 70° W.; ascend gradually.

38.40 Ridge, 55 ft. above draw, bears E. and W.; descend gradually.

40.00 On gentle NW. slope, 65 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which

A red pine, 6 ins. dia., bears S. 20° E., 10 lks.

dist., marked  $\frac{1}{4}$  S31 BT.

A red pine, 6 ins. dia., bears N. 80° W., 15 lks.

dist., marked  $\frac{1}{4}$  S36 BT.

49.50 Rock slide, bears NE. and SW.

SURVEY OF THE FIRST GUIDE MERIDIAN EAST

OR THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

- 74.00 Draw, 330 ft. below the  $\frac{1}{2}$  sec. cor., drains N. 60° W.; ascend gradually.
- 72.00 Spur, 65 ft. above draw, projects W.; descend gradually.
- 72.85 Red pine, 14 ins. dia., which I mark with two notches on N. and S. faces for line tree.
- 20:00 On gentle NW. slope, 55 ft. below spur.  
Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bed rock and 20 ins. in mound of stone, for cor. secs. 25; 30, 31 and 36, with brass cap marked.

T30S	
R4E	R5E
S25	S30
S36	S31

1920

From which

- A red pine, 10 ins. dia., bears N. 58° E., 33 lks. dist., marked T30S R5E S30.BT.
- A red pine, 16 ins. dia., bears S. 3°30' E., 110 lks. dist., marked T30S R5E S31 BT.
- A red pine, 11 ins. dia., bears S. 24°30' W., 70 lks. dist., marked T30S R4E S36.BT.
- A red pine, 8 ins. dia., bears N. 76° W., 50 lks. dist.; marked T30S R4E S25.BT.

Land, rough and mountainous, broken by outcroppings of granite.

Soil, shallow black sandy loam.

Drainage, NW. into Fish Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense yellow and red pine and scattering bunches of dense aspen.

Exceedingly good grazing on all of mile.

North, along the W. bdy. of the township or First Guide Meridian East bet. secs. 25 and 30,

Descend abruptly over rough mountainous land through dense red and yellow pine and dense aspen timber and scattering undergrowth of sagebrush and bunch grass.

SURVEY OF THE FIRST GUIDE MERIDIAN EAST

... OR THE WEST BOUNDARY OF T. 30 S., R. 5 E.

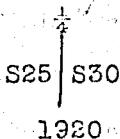
CHAINS

28.00 Fish Creek, stream of good clear water, 10 lks. wide,  
3 ins. deep, in canyon, 475 ft. below cor., drains  
N. 30° E.; ascend abruptly.

36.20 Road, bears E. to Grover/and W. to Fish Creek Lake.  
or Teasdale

40.00 On steep S. slope, 150 ft. above Fish Creek.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which

A red pine, 10 ins. dia., bears S. 42° E., 44 lks.  
dist., marked  $\frac{1}{4}$  S30 BT.

A red pine, 8 ins. dia., bears N. 30° W., 27 lks.  
dist., marked  $\frac{1}{4}$  S25 BT.

From this cor., Fish Creek Lake, which is about  $\frac{1}{2}$  mile  
the outlet of which  
long and  $\frac{1}{4}$  mile wide, bears S. 54° 57' W., 112.26 chs.  
dist.

42.80 Spur, 150 ft. above the  $\frac{1}{4}$  sec. cor., projects NE.; descend  
gradually.

51.60 Draw, 45 ft. below spur, drains NE.; ascend abruptly.

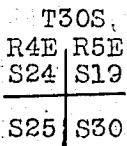
61.30 Spur, 160 ft. above draw, projects E.; descend gradually.

66.80 Draw, 50 ft. below spur, drains N. 70° E.; ascend  
gradually.

74.30 Ridge, 45 ft. above draw, bears NE. and SW.; descend  
abruptly.

80.00 On steep N. slope of ridge, 170 ft. below top.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the  
ground for cor. secs. 19, 24, 25 and 30, with brass  
cap marked.



From which

SURVEY OF THE FIRST GUIDE MERIDIAN EAST  
FOR THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

- An aspen, 8 ins. dia., bears N. 10°15' E., 5 lks. dist., marked T30S R5E S19 BT.
- An aspen, 10 ins. dia., bears S. 24° E., 26 lks. dist., marked T30S R5E S30 BT.
- An aspen, 6 ins. dia., bears S. 30° W., 17 lks. dist., marked T30S R4E S25 BT.
- An aspen, 7 ins. dia., bears N. 44° W., 32 lks. dist., marked T30S R4E S24 BT.

Land, rough and mountainous.

Soil, shallow black sandy loam.

Drainage, N. 30° E. by Fish Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense yellow and red pine and scattering bunches of dense aspen.

Exceedingly good grazing on all of mile.

North, along the west boundary of the township of First Guide Meridian East, bet. Secs. 19 and 24

Descend gradually over rough mountainous land, through dense yellow and red pine and scattering bunches of aspen timber and scattering undergrowth of sagebrush and bunch grass.

10.00 Draw, 30 ft. below cor., drains N. 60° E.; ascend gradually

20.40 Spur, 45 ft. above draw, projects NE.; descend abruptly.

36.50 Stream of good clear water, 3 lks. wide, 6 ins. deep, in gulch, 270 ft. below spur, drains NE. into Fish Creek. ascend gradually.

38.70 Top of low spur, 10 ft. above creek, projects NE.; descend gradually.

39.50 Draw, 15 ft. below spur, drains NE.; ascend abruptly.

40.00 On steep S. slope, 15 ft. above draw.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock and 10 ins. in a mound of stone, for sec. cor., with brass cap marked.

SURVEY OF THE FIRST GUIDE MERIDIAN EAST

SURVEY OF THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

From which . . . . .

A yellow pine, 36 ins. dia., bears N. 24° E.,  
68 lks. dist., marked  $\frac{1}{2}$  S19 BT.

A yellow pine, 24 ins. dia., bears N. 60° W.,  
37 lks. dist., marked  $\frac{1}{4}$  S24 BT.

69.00 Top of ridge, 370 ft. above the  $\frac{1}{4}$  sec. cor., bears N. 70° E.,  
and S. 70° W.; descend abruptly.

80.00 On steep N. slope of ridge, 185 ft. below top.

Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the  
ground to bedrock and 10 ins. in a mound of stone, for  
cor. secs. 13, 18, 19 and 24, with brass cap marked.

T30S	
R4E	R5E
S13	S18
S24	S19

1920

From which

A aspen, 8 ins. dia., bears N. 36° E., 24 lks.  
dist., marked T30S R5E S18 BT.

A aspen, 6 ins. dia., bears S. 36° E., 10 lks.  
dist., marked T30S R5E S19 BT.

A aspen, 8 ins. dia., bears S. 22° W., 7 lks.  
dist., marked T30S R4E S24 BT.

A aspen, 6 ins. dia., bears N. 60° W., 23 lks.  
dist., marked T30S R4E S13 BT.

Land, mountainous with steep slopes.

Soil, shallow black sandy loam.

Drainage, E. into Fish Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, dense yellow and red pine and scattering bunches  
of dense aspen.

Exceedingly good grazing on all of mile.

North, along the W. bdy. of the township of First Guide Meridian East, between Secs. 13 and 18  
Descend gradually over mountainous land, through dense  
yellow and red pine and scattering aspen and scattering  
undergrowth of sagebrush and bunch grass.

SURVEY OF THE FIRST GUIDE MERIDIAN EAST

OR THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

- 2.00 Draw, 25 ft. below cor., drains NE.; ascend gradually.
- 5.00 Ridge, 15 ft. above draw, bears NE. and SW.; descend abruptly over rolling NW. slope of ridge.
- 28.70 A yellow pine, .26 ins. dia., which I mark with two notches on N. and S. faces for line tree.
- 40.00 On steep NW. slope of ridge, 300 ft. below top. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked.

$\frac{1}{4}$

S13 | S18

1920

From which

A yellow pine, 12 ins. dia., bears N. 65° E., 82 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A yellow pine, 18 ins. dia., bears N. 25° W., 16 lks. dist., marked  $\frac{1}{4}$  S13 BT.

- 45.85 A yellow pine, 16 ins. dia., which I mark with two notches on N. and S. faces for line tree.
- 62.30 Old trail, bears N. 70° E. to Teasdale and S. 70° W. to Blind Lake which is about  $\frac{1}{2}$  mile long and  $\frac{1}{4}$  mile wide and bears S. 70° W., about 2 miles dist.
- 71.20 A yellow pine, 12 ins. dia., which I mark with two notches on N. and S. faces for line tree.
- 72.00 Slope becomes more gentle, bears NE. and SW.
- 80.00 On gentle NW. slope, 550 ft. below the  $\frac{1}{2}$  sec. cor. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 7, 12, 13 and 18, with brass cap marked.

T30S

R4E R5E

S12 | S7

S13 | S18

1920

From which

A yellow pine, 18 ins. dia., bears N. 8° E., 102 lks. dist., marked T30S R5E S7 BT.

TRAP LINE SURVEY OF THE FIRST GUIDE MERIDIAN EAST  
 LINE OF THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

... A yellow pine, 20 ins. dia., bears S. 87° E.,  
 125 lks. dist., marked T30S R5E S18 BT.

... A yellow pine, 15 ins. dia., bears S. 71° W.,  
 119 lks. dist., marked T30S R4E S13 BT.

... A yellow pine, 22 ins. dia., bears N. 77° W.,  
 74 lks. dist., marked T30S R4E S12 BT.

Land, mountainous with steep slope.  
 Soil, shallow black sandy loam.  
 Drainage, NE. into Fish Creek.  
 Undergrowth, scattering sagebrush and bunch grass.  
 Timber, dense yellow and red pine and scattering aspen.  
 Exceedingly good grazing on all of mile.

North, along the W. bdy. of the township, of First Guide  
Meridian East, between Secs. 7 and 12,

Descend gradually, through scattering yellow and red pine  
 timber and scattering undergrowth of sagebrush and  
 bunch grass.

1.00 Draw, 15 ft. below cor., drains N. 12° E.; ascend gradually.

3.20 Spur, 15 ft. above draw, projects N. 20° E.; descend  
 gradually.

21.00 Small stream of good clear water, 5 lks. wide, 2 ins.  
 deep, in gulch, 325 ft. below spur, drains NE.; ascend  
 abruptly.

23.60 Ridge, 75 ft. above creek, bears N. 70° E. and S. 70° W.;  
 descend abruptly.

40.00 On steep N. slope of ridge, 210 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

... S12 | S7  
 1920

From which ...

A yellow pine, 6 ins dia., bears S. 30° E.,

70 lks. dist., marked  $\frac{1}{4}$  S7 BT.

SURVEY OF THE FIRST GUIDE MERIDIAN EAST  
OR THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

. . . . . A red cedar, 8 ins. dia., bears S. 25° W., 60 lks.  
dist., marked  $\frac{1}{2}$  S12 BT.

52.50. Gulch, 300 ft. below the  $\frac{1}{4}$  sec. cor.; drains N. 20° E.;  
ascend abruptly.

60.25. On steep E. slope, 100 ft. above gulch; point were line  
from E. bet. secs. 6 and 7 intersect W. bdy.

Set an iron post, 3 ft. long, 2 ins. dia., 16 ins. in the  
ground to bedrock and 10 ins. in a mound of stone, for  
cor. secs. 1, 6, 7 and 12, with brass cap marked.

T30S	
R4E	R5E
S1	S6
S12	S7

From which 1920

. . . . . A pinon, 8 ins. dia., bears N. 34° E., 80 lks.  
dist., marked T30S R5E S6 BT.

. . . . . A pinon, 6 ins. dia., bears S. 62° E., 36 lks.  
dist., marked T30S R5E S7 BT.

No other suitable bearing trees available.

Raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.  
Land, rough and mountainous.

Soil, shallow black sandy loam.

Drainage, NE. into Fish Creek.

Undergrowth, scattering sagebrush and bunch grass.

Timber, scattering cedar, pinon, yellow and red pine.

Good grazing on all of mile.

North, along the W. bdy. of the township or First Guide  
Meridian East bet. Secs. 1 and 6

Ascend gradually over mountainous land, through scattering  
cedar, pinon and yellow pine timber and scattering  
undergrowth of sagebrush and bunch grass.

1.50 Point of spur, 15 ft. above cor., projects E.; descend  
gradually.

15.60 Gulch, 75 ft. below spur, drains N. 60° E.; ascend  
gradually.

17.00 Spur, 35 ft. above gulch, projects NE.; descend gradually.

SURVEY OF THE FIRST GUIDE MERIDIAN EAST

OR THE WEST BOUNDARY OF T. 30 S., R. 5 E.

CHAINS

- 36.70 Old wood road, bears NE. and SW.
- 37.00 Small stream of good clear water, 5 lks. wide, 2 ins. deep, in wash, 40 lks. wide, 5 ft. deep, 45 ft. below spur, drains NE.; ascend gradually.
- 38.85 A yellow pine, 22 ins. dia., which I mark with two notches on N. and S. faces for line tree.
- 41.50 Old brush fence, bears E. and W.
- 42.00 The  $\frac{1}{4}$  sec. cor. secs. 1 and 6, heretofore described.  
Land, rough and mountainous.  
Soil, shallow red sandy loam.  
Drainage, NE. into Fish Creek.  
Timber, scattering cedar, pinon and yellow pine.  
Undergrowth, scattering sagebrush and bunch grass.  
Good grazing on all of mile.

SURVEY OF THE SIXTH

STANDARD PARALLEL SOUTH THROUGH RANGE 5 EAST.

From the Standard Cor. T. 30 S., Rs. 5 and 6 E., heretofore described.

West, on a random line along the S. bdy. of the township.

- 401.70 Left flag point.
- 402.00 Intersect the <sup>random</sup> w. bdy. of the township, and at point of intersection.

Set an iron post, 3 ft. long, 3 ins. dia., 12 ins. in the ground to bedrock and 12 ins. in a mound of stone, for Standard Cor. T. 30 S., Rs. 4 and 5 E., with brass cap marked.

SC	
T30S	
R4E	R5E
S36	S31

1920

From which

A red pine, 14 ins. dia., bears N. 40° E., 118 lks. dist., marked SC T30S R5E S31 BT.

chains.

A aspen, 10 ins. dia., bears N. 27° W., 275 lks. dist., marked SC T30S R4E S36 BT.

Cor. is situated on steep N. slope near foot of the break of top of Boulder Mountain.

Thence

East, along the S. bdy. sec. 31.

Ascend abruptly over broken NW. breaks of the top of Boulder Mountain, through dense red pine timber and scattering undergrowth of grass.

9.60 Base of high granite ledge, 250 ft. above cor., bears NE. and SW.; ascend abruptly over nearly inaccessible granite ledges.

17.50 Top of granite ledges, 430 ft. above base, bears NE. and SW.; thence over rolling top of Boulder Mountain.

40.00 On rolling top of mountain, 75 ft. below top of breaks. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC  
 $\frac{1}{4}$  S31

1920

From which

A red pine, 14 ins. dia., bears N. 45° E., 45 lks. dist., marked SC  $\frac{1}{4}$  S31 BT.

A red pine, 12 ins. dia., bears N. 20° W., 14 lks. dist., marked SC  $\frac{1}{4}$  S31 BT.

Continue over rolling top of Boulder Mountain.

80.00 On rolling top of mountain, 65 ft. below the  $\frac{1}{4}$  sec. cor. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for standard cor. secs. 31 and 32, with brass cap marked.

SC  
T30S R5E  
S31 | S32

1920

From which

SURVEY SIXTH STANDARD PARALLEL SOUTH THROUGH RANGE 5 EAST.

CHAINS

A red pine, 16 ins. dia., bears N. 34° E., 11 lks. dist., marked SC T30S R5E S32 BT.

A red pine, 11 ins. dia., bears N. 68° W., 24 lks. dist., marked SC T30S R5E S31 BT.

Land, rough breaks and granite ledges on W. 17.50 chs., rolling top of Boulder Mountain remainder of mile.

Soil, shallow black clay loam.

Drainage, N. into Fish Creek.

Undergrowth, scattering grass.

Timber, dense red pine.

Good grazing on all of mile.

East, along the S. bdy. sec. 32.

Over rolling top of Boulder Mountain through dense red pine timber and scattering undergrowth of grass.

4.00 Low ridge, 40 ft. high, bears N. and S.; descend gradually.

40.00 On gentle E. slope, 65 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard sec. cor., with brass cap marked.

SC  
1/4 S32

1920

From which

A red pine, 24 ins. dia., bears N. 33° E., 14 lks. dist., marked SC 1/4 S32 BT.

A red pine, 14 ins. dia., bears N. 56° W., 25 lks. dist., marked SC 1/4 S32 BT.

55.70 Begin abrupt descent over granite ledges which form the NE. rim of the Boulder Mountain.

70.00 Enter scattering aspen timber, bears N. and S.

75.00 Base of steep descent from top of rim, bears N. and E., 860 ft. below top; thence over rolling bottom of basin.

80.00 On gentle E. slope, 45 ft. below base of steep descent.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for standard cor. secs. 32 and 33, with brass cap marked.

SURVEY SIXTH STANDARD PARALLEL SOUTH THROUGH RANGE 5 EAST.

CHAINS

SC	
T30S	R5E
S32	S33

1920

From which

A aspen, 10 ins. dia., bears N. 45° E., 34 lks. dist., marked SC T30S R5E S33 BT.

A aspen, 10 ins. dia., bears N. 51°30' W., 18 lks. dist., marked SC T30S R5E S32 BT.

Land, rolling top of Boulder Mountain on W. 55.70 chs., broken granite ledges remainder of mile.

Soil, shallow black clay loam.

Undergrowth, scattering grass.

Timber, dense red pine on all of mile and scattering aspen on E. 10.00 chs.

Good grazing on all of mile.

East, along the S. bdy. sec. 33.

Descend gradually over broken N. slope of Boulder Mountain through dense red pine and scattering aspen timber and scattering undergrowth of sagebrush.

4.50 Enter level bottom of grassy basin, bears N. and S.; this basin forms the head of Wide Hollow.

8.60 Leave basin, bears N. and S.; ascend gradually over granite boulders.

13.00 Small lake, 18.00 chs. long, 5.00 chs. wide, bears S., 6.00 chs. dist.

19.70 Gulch, 75 ft. above basin, drains N.; ascend gradually.

40.00 On gentle N. slope, 75 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC	
$\frac{1}{4}$ S33	

1920

From which

A red pine, 12 ins. dia., bears N. 20° E., 25 lks.

SURVEY SIXTH STANDARD PARALLEL SOUTH THROUGH RANGE 5 EAST.

CHAINS

dist., marked SC  $\frac{1}{4}$  S33 BT.

A red pine, 18 ins. dia., bears N. 32° W.,  
30 lks. dist., marked SC  $\frac{1}{4}$  S 33 BT.

- 55.00 Top of ridge which forms the divide bet. Wide Hollow and Rock Creek, 175 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.; descend abruptly.
- 60.00 Enter scattering yellow pine timber, aspen timber becomes dense; bears N. and S.
- 71.90 Rock Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in hollow, 370 ft. below ridge, drains N. 20° E.;
- 75.00 Ridge, 150 ft. above creek, bears N. and S.; descend gradually.
- 79.00 Rock slide, 1.00 ch. wide, bears N. and S.
- 80.00 On gentle E. slope of ridge, 110 ft. below top.  
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for standard cor. secs. 33 and 34, with brass cap marked:

	SC
T30S	R5E
S33	S34

1920

From which

- A yellow pine, 26 ins. dia., bears N. 53° E.,  
12 lks. dist.; marked SC T30S R5E S34 BT.
- A aspen, 8 ins. dia., bears N. 23° W., 102 lks.  
dist., marked SC T30S R5E S33 BT.

Land, broken N. slope of the Boulder Mountain.

Soil, shallow black clay loam.

Drainage, N. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense red pine on all of mile, dense aspen and scattering yellow pine on E. 20.00 chs. and scattering aspen remainder of mile.

Good grazing on all of mile.

East, along the S. of sec. 33 and 34.

SURVEY SIXTH STANDARD PARALLEL SOUTH THROUGH RANGE 5 EAST.

CHAINS

East, along the S. bdy. sec. 34.  
 Descend gradually over broken N. slope of the Boulder Mountain, through dense aspen, yellow and red pine timber and scattering undergrowth of sagebrush.

20.00 Single Tree Creek, stream of good clear water, 6 lks. wide, 3 ins. deep, drains NE.; continue descent.

40.00 On W. side of rock slide, 560 ft. below sec. cor.  
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked

SC  
 $\frac{1}{4}$ S34

1920

From which

A aspen, 6 ins. dia., bears N. 24° E., 22 lks. dist., marked SC  $\frac{1}{4}$ S34 BT.

A aspen, 7 ins. dia., bears N. 35° W., 34 lks. dist., marked SC  $\frac{1}{4}$ S34 BT.

40.30 Enter rock slide, bears N. and S.

46.00 Leave rock slide, bears N. and S.

59.30 Head of draw, 150 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend gradually.

74.60 Spur, 145 ft. above draw, projects N.; descend gradually.

80.00 On gentle E. slope, 75 ft. below spur.  
 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for standard cor. secs. 34 and 35, with brass cap marked.

SC  
 T30S | R5E  
 S34 | S35

1920

From which

An aspen, 8 ins. dia., bears N. 23° W., 12 lks. dist., marked SC T30S R5E S34 BT.

A yellow pine, 26 ins. dia., bears N. 63° E., 102 lks. dist., marked SC T30S R5E S35 BT.

Land, broken N. slope of Boulder Mountain.

Soil, shallow black clay loam.

SURVEY SIXTH STANDARD PARALLEL SOUTH THROUGH RANGE 5 E.

CHAINS

Drainage, NE. into Sulphur Wash.  
 Undergrowth, scattering sagebrush.  
 Timber, dense aspen, yellow and red pine.  
 Exceedingly good grazing on all of mile.

East, along the S. bdy. sec. 35.

Descend gradually over mountainous land, through dense aspen, yellow and red pine timber and scattering undergrowth of sagebrush.

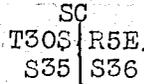
- 15.90 Draw, 45 ft. below sec. cor., drains N. 20° E.; ascend abruptly.
  - 24.40 Spur, 220 ft. above draw, projects N. 20° E.; descend abruptly.
  - 32.00 Head of small spring, which is a stream of good clear water, 4 lks. wide, 3 ins. deep, drains N. 70° E.; continue descent.
  - 35.90 Trail from Grover to Ranger's cabin, bears NW. and SE.
  - 40.00 On gentle E. slope, 450 ft. below spur.  
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked.
- SC  
 $\frac{1}{4}$ S35
- 1920
- From which
- A yellow pine, 10 ins. dia., bears N. 43° E., 30 lks. dist., marked SC  $\frac{1}{4}$ S35 BT.
  - A yellow pine, 10 ins. dia., bears N. 25° W., 16 lks. dist., marked SC  $\frac{1}{4}$ S35 BT.
- 43.30 One-wire telephone line from Grover to Ranger's cabin, bears NW. and SE.
  - 57.50 Draw, 205 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend gradually.
  - 63.80 Ridge, 45 ft. above draw, bears N. and S.; descend abruptly.
  - 77.20 Choke Cherry Creek, stream of good clear water, 8 lks, wide, 3 ins. deep, in gulch, 370 ft. below ridge, drains NE.; ascend gradually.

SURVEY SIXTH STANDARD PARALLEL SOUTH THROUGH RANGE 5 EAST.

CHAINS

80.00

On gentle NW. slope, 45 ft. above creek.  
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for standard cor. secs. 35 and 36, with brass cap marked.



1920

From which

A yellow pine, 12 ins. dia., bears N. 49° E.,  
42 lks. dist., marked SC T30S R5E S36 BT.

A yellow pine, 24 ins. dia., bears N. 33° W.,  
34 lks. dist., marked SC T30S R5E S35 BT.

Land, broken NE. slope of Boulder Mountain.

Soil, shallow black clay loam.

Drainage, NE. into Sulphur Wash.

Undergrowth, scattering sagebrush.

Timber, dense aspen, yellow and red pine.

Good grazing on all of mile.

East, along the S. bdy. sec. 36.

Ascend gradually along broken NE. slope through dense aspen, yellow and red pine timber and scattering undergrowth of sagebrush.

2.00 Intersect the standard cor. T. 30 S., Rs. 5 and 6 E., heretofore described, 45 ft. above standard cor. secs. 35 and 36. Description of mile same as previous mile.

SUBDIVISION OF T. 30 S., R. 5 E.

From the standard cor. secs. 31 and 32, on 6th St. Par. S. N. 0° 01' E., bet. secs. 31 and 32.

Descend gradually over rolling top of Boulder Mountain through dense red pine timber and scattering undergrowth of sagebrush.

5.00 Draw, 45 ft. below cor., drains N. 20° E.; ascend gradually.

13.00 Spur, 55 ft. above draw, projects N. 20° E.; descend gradually.

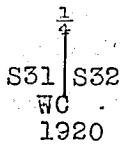
SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

34.50 Begin abrupt descent over granite ledges, 75 ft. below spur, bears E. and W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. falls on perpendicular granite ledges; no cor. set.

45.17 At base of ledges, 210 ft. below top.  
Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 31 and 32, with brass cap marked.



From which

A red pine, 14 ins. dia., bears N. 40°30' E., 82 lks. dist., marked WC  $\frac{1}{4}$ S32 BT.

A red pine, 12 ins. dia., bears N. 35°15' W., 70 lks. dist., marked WC  $\frac{1}{4}$ S31 BT.

Continue abrupt descent.

60.00 Bottom of open basin, bears E. and W., 350 ft. below the witness  $\frac{1}{4}$  sec. cor.; ascend gradually.

66.80 Rocky spur, 150 ft. above basin; projects E.; descend gradually.

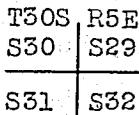
74.00 Draw, 75 ft. below spur, drains NW.; ascend gradually.

75.00 Spur, 60 ft. above draw, projects E.; descend gradually.

79.60 Small draw, 70 ft. below spur, drains NE.; ascend gradually.

80.00 On gentle SW. slope, near bottom of draw.

Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to bed rock and 10 ins. in a mound of stone, for cor. secs. 29, 30, 31 and 32, with brass cap marked.



1920

From which

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A red pine, 8 ins. dia., bears N. 43° E., 5 lks. dist., marked T30S R5E S29 BT.

A red pine, 16 ins. dia., bears S. 33°30' E., 16 lks. dist., marked T30S R5E S32 BT.

A red pine, 10 ins. dia., bears S. 46° W., 11 lks. dist., marked T30S R5E S31 BT.

A red pine, 12 ins. dia., bears N. 27° W., 15 lks. dist., marked T30S R5E S30 BT.

Land, rough and mountainous, broken by granite ledges.

Soil, shallow black clay loam.

Drainage, N. 20° E. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense red pine.

Good grazing on all of mile.

- 40.00 West, on random line bet. secs. 30 and 31.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect the W. bdy. of Tpt. at cor. secs. 25, 30, 31 and 36
- Thence
- East, on true line bet. secs. 30 and 31.
- Ascend gradually over broken N. slope of the Boulder mountain, through dense aspen and red pine timber and scattering undergrowth of sagebrush.
- 5.40 Spur, 45 ft. above cor., projects N.; descend gradually.
- 6.70 Draw, 35 ft. below spur, drains N. 10° E.; ascend gradually.
- 9.90 Spur, 45 ft. above draw, projects N. 10° E., descend gradually.
- 20.40 A red pine, 14 ins. dia., which I mark with two notches on E. and W. faces for line tree.
- 22.50 Enter rock slide, bears N. and S.
- 26.50 Leave rock slide, bears N. and S.
- 28.40 Rocky draw, 45 ft. below spur, drains N. 10° E.; ascend gradually.
- 36.76 Red pine tree, 14 ins. dia., which I mark with two notches on E. and W. faces for line tree.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

40.00 On gentle W. slope, 45 ft. above draw.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S30

$\frac{1}{4}$

S31

1920

From which

A red pine, 8 ins. dia., bears N. 46° E., 40 lks. dist., marked  $\frac{1}{4}$  S30 BT.

A red pine, 12 ins. dia., bears S. 68° E., 66 lks. dist., marked  $\frac{1}{4}$  S31 BT.

41.20 Ridge, 35 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.; descend gradually.

50.80 A red pine, 22 ins. dia., which I mark with two notches on E. and W. faces for line tree.

80.00 On rolling land, 75 ft. below ridge, the cor. secs. 29, 30, 31 and 32.

Land, broken N. slope of the Boulder Mountain.

Soil, shallow black clay loam.

Drainage, N. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen and red pine.

Good grazing on all of mile.

N. 0° 01' E., bet. secs. 29 and 30.

Descend gradually over mountainous land, through dense aspen and red pine and scattering yellow pine timber and scattering undergrowth of sagebrush.

8.00 Small spring branch, 3 lks. wide 2 ins. deep, drains N. 10° E.

40.00 On gentle N. slope, 350 ft. below the sec. cor. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$

S30 | S29

1920

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From which

A red pine, 12 ins. dia., bears N. 45° E., 17 lks. dist., marked  $\frac{1}{2}$  S29 BT.

A red pine, 24 ins. dia., bears S. 72°15' W., 28 1 dist., marked  $\frac{1}{2}$  S30 BT.

46.90 Draw, 90 ft. below the  $\frac{1}{2}$  sec. cor., drains N. 10° W.; ascend gradually.

48.70 Spur, 45 ft. above draw, projects N. 12° E.; descend gradually.

50.00 Small natural lake, 4.00 chs. long, 2.00 chs. wide, bears W. of line, 2.50 chs. dist.

57.00 Descent becomes more abrupt, bears E. and W.

80.00 At foot of abrupt descent, bears E. and W., 560 ft. below the  $\frac{1}{2}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 19, 20, 29 and 30, with brass cap marked.

T30S	R5E
S19	S20
S30	S29

1920

From which

An aspen, 6 ins. dia., bears N. 20° E., 264 lks. dist., marked T30S R5E S20 BT.

A yellow pine, 30 ins. dia., bears S. 41° E., 164 lks. dist., marked T30S R5E S29 BT.

An aspen, 6 ins. dia., bears S. 33° W., 30 lks. dist., marked T30S R5E S30 BT.

A yellow pine, 12 ins. dia., bears N. 58° W., 143 lks. dist., marked T30S R5E S19 BT.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow black clay loam.

Drainage, N. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen and red pine and scattering yellow pine

Good grazing on all of mile.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

West, on random line bet. secs. 19 and 30.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect W. bdy. of Tp, 14 lks. S. of the cor. secs. 19, 24, 25 and 30.

Thence

S. 89°54' E., on true line bet. secs. 19 and 30.

Descend gradually over mountainous land, through dense aspen, red and yellow pine timber and scattering undergrowth of sagebrush.

19.70 Draw, 75 ft. below cor., drains N. 30° E.; ascend gradually.

25.00 Spur, 65 ft. above draw, projects N. 30° E.; descend gradually.

34.00 Road from Grover <sup>or Teasdale.</sup> to Fish Creek Lake, bears NE. and SW., in bottom of draw, 200 ft. below spur, drains NE.; ascend gradually.

38.40 Low spur, 45 ft. above draw, projects N. 30° E.; descend gradually.

40.04 On rolling land, 40 ft. below spur.

Set an iron post, 3 ft. long, 1 in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S19

S30

1920

From which

An aspen, 6 ins. dia., bears N. 8° E., 8 lks. dist., marked  $\frac{1}{4}$  S19 BT.

An aspen, 6 ins. dia., bears S. 15°15' W., 23 lks. dist., marked  $\frac{1}{4}$  S30 BT.

45.40 Fish Creek, a stream of good clear water, 15 lks. wide, 3 ins. deep, in channel, 75 ft. below the  $\frac{1}{4}$  sec. cor. 30 lks. wide, 5 ft. deep, drains NE.; ascend abruptly.

51.30 Ridge, 150 ft. above creek, bears NE. and SW.; descend abruptly.

62.40 Carcass Creek, stream of good clear water, 10 lks. wide, 3 ins. deep, in gulch, 145 ft. below ridge, drains NE.; ascend abruptly.

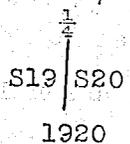
SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- 72.50 Ridge, 180 ft. above creek, bears NE. and SW.; descend abruptly through dense patch of aspen.
- 80.08 The cor. of secs. 19, 20, 29 and 30, 85 ft. below ridge.  
Land, rough and mountainous.  
Soil, shallow black clay loam.  
Drainage, NE. by Fish and Carcass Creeks.  
Undergrowth, scattering sagebrush.  
Timber, dense aspen, red and yellow pine.  
Good grazing on all of mile.

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- N. 0°01' E., bet. secs. 19 and 20.  
Descend gradually over mountainous land, through dense aspen and yellow pine timber and scattering undergrowth of sagebrush.
- 3.00 Draw, 25 ft. below cor., drains NE.; ascend abruptly.
- 11.60 Ridge, 65 ft. above draw, bears NE. and SW.; descend abruptly.
- 16.00 Carcass Creek, stream of good clear water, 10 lks. wide, 3 ins. deep, in gulch, 120 ft. below ridge, drains, NE.; ascend gradually.
- 17.20 Spur, 40 ft. above creek, projects NW.; descend gradually or Teasdale.
- 25.20 Road from Grover to Fish Creek Lake, bears NE. and SW.
- 36.10 Canal, 40 lks. wide, 5 ft. deep, drains N. 85° E., is used for carrying part of water from Fish Creek to Carcass Creek; thence descend gradually.
- 40.00 On gentle E. slope, 75 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which

- A yellow pine, 22 ins. dia., bears N. 34° E., 60 lks. dist., marked  $\frac{1}{4}$  S20 BT.
- A red pine, 28 ins. dia., bears S. 88° W., 53 lks. dist., marked  $\frac{1}{4}$  S19 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- 45.00 Spur, 25 ft. above the  $\frac{1}{4}$  sec. cor., project NE.; descend gradually.
- 58.10 Draw, 30 ft. below spur, drains W.; ascend gradually.
- 63.50 Spur, 40 ft. above draw, projects W.; descend gradually.
- 75.10 Fish Creek, stream of good clear water, 10 lks. wide, 3 ins. deep, in gulch, 100 ft. below spur, drains N. 20° E.; ascend gradually.

80.00 On gentle SW. slope, 45 ft. above draw.  
Set an iron post, 30 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 17, 18, 19 and 20, with brass cap marked.

T30S	R5E
S18	S17
S19	S20
1920	

From which

- An aspen, 6 ins. dia., bears N. 49° E., 69 lks. dist., marked T30S R5E S17 BT.
- A yellow pine, 26 ins. dia., bears S. 30° E., 74 lks. dist., marked T30S R5E S20 BT.
- A yellow pine, 20 ins. dia., bears S. 62° W., 42 lks. dist., marked T30S R5E S19 BT.
- A yellow pine, 10 ins. dia., bears N. 29° W., 85 lks. dist., marked T30S R5E S18 BT.

Land, rough and mountainous.

Soil, shallow black loam.

Drainage, NE. by Carcass and Fish Creeks.

Undergrowth, scattering sagebrush.

Timber, dense aspen and yellow pine.

Good grazing on all of mile.

N. 89°54' W., on random line bet. secs. 18 and 19.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.26 Intersect Waddy, of T<sub>30</sub>, 5 lks. N. of the cor. secs. 13, 18, 19 and 24.

Thence

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

S. 83°56' E., on true line bet. secs. 18 and 19.

Ascend gradually through dense yellow pine and scattering aspen timber and scattering undergrowth of sagebrush.

.26.00 Top of ridge, 150 ft. above cor., bears NE. and SW,; descend abruptly.

32.98 On steep SE. slope of ridge, 210 ft. below top.

Set an iron post, 3 ft. long, .1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

. S18

S19

1920

From which

A yellow pine, 18 ins. dia., bears N. 34° E., 76 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A lone cedar, 14 ins. dia., bears S. 34° W., 47 lks. dist., marked  $\frac{1}{4}$  S19 BT.

Continue abrupt descent.

55.50 Fork of Fish Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in canyon, 310 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend gradually.

60.00 Low ridge, 45 ft. above creek, bears N. and S.; descend gradually.

79.96 The cor. secs. 17, 18, 19 and 20, 40 ft. below top of ridge.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow black clay loam.

Drainage, N. into Fish Creek.

Undergrowth, scattering sagebrush.

Timber, dense yellow pine and scattering aspen.

Good grazing on all of mile.

N. 0°01' E., bet. secs. 17 and 18.

Ascend gradually over mountainous land, through dense aspen, cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

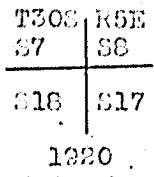
- 3.40 Spur, 45 ft. above cor., projects N. 10° E., descend gradually.
- 23.60 Fork of Fish Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in canyon, 175 ft. below spur, drains N. 30° E.; ascend gradually.
- 26.00 Spur, 50 ft. above creek, projects W.; descend gradually.
- 40.00 On steep E. slope, 45 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked.



From which

- A yellow pine, 18 ins. dia., bears S. 38° E., 38 lks. dist., marked 317 BT.
- A yellow pine, 26 ins. dia., bears S. 45° W., 62 lks. dist., marked 318 BT.

- 45.00 Gulch, 45 ft. below  $\frac{1}{2}$  sec. cor., drains NE.; ascend abruptly.
- 66.30 Ridge, 250 ft. above gulch, bears N. 80° E. and S. 80° W., leave aspen timber and yellow pine timber becomes scattering, bears E. and W.; descend gradually.
- 68.30 Descent becomes more abrupt bears E. and W.
- 75.00 Foot of abrupt descent, bears E. and W.
- 80.00 On level land, 150 ft. below ridge.  
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 7, 8, 17 and 18, with brass cap marked.



From which

- A cedar, 8 ins. dia., bears N. 8° E., 42 lks. dist., marked T30S R5E 38 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- A cedar, 10 ins. dia., bears S. 86° E., 9 lks. dist., marked T30S R5E S17 BT.
- A yellow pine, 16 ins. dia., bears S. 36°30' W., 86 lks. dist., marked T30S R5E S18 BT.
- A pinon, 14 ins. dia., bears N. 81°30' W., 97 lks. dist., marked T30S R5E S7 BT.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow red sandy loam.

Drainage, N. into Fish Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen, cedar, pinon and yellow pine on S. 66.30 chs., dense cedar and pinon and scattering yellow pine remainder of mile.

Good grazing on all of mile.

N. 89°56' W., on random line bet. secs. 7 and 18.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.00 Intersect W. bdy. of Tp, 3 lks. S. of the cor. secs. 7, 12, 13 and 18.

Thence

S. 89°55' E., on true line bet. secs. 7 and 18.

Ascend gradually over mountainous land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

4.70 Ridge, 60 ft. above cor., bears N. 20° E. and S. 20° W.; descend gradually.

20.00 Gulch, 50 ft. below ridge, drains N. 15° E.; ascend gradually.

38.50 Spur, 100 ft. above gulch, projects N.; descend gradually.

40.00 On gentle E. slope, near top of spur.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  S7  
S18

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS	
	<p>From which</p> <p>A yellow pine, 18 ins. dia., bears N. 67° E., 37 lks. dist., marked <math>\frac{1}{2}</math> S7 BT.</p> <p>A yellow pine, 14 ins. dia., bears S. 45° W., 37 lks. dist., marked <math>\frac{1}{2}</math> S18 BT.</p>
46.50	Draw, 45 ft. below spur, drains N.; ascend gradually.
49.00	Ridge, 70 ft. above draw, bears N. and S.; descend gradually.
80.00	The cor. secs. 7, 8, 17, and 18, 140 ft. below ridge. Land, rolling N. slope of Boulder Mountain. Soil, shallow red sandy loam. Drainage, N. into Fish Creek. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon and scattering yellow pine. Good grazing on all of mile.
	<p>N. 0°01' E., bet. secs. 7 and 8.</p> <p>Over rolling mountainous land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.</p>
6.70	Point of spur, same level as cor., projects E.; descend abruptly.
20.70	Gulch, 270 ft. below spur, drains NE.; ascend gradually.
40.00	On top of spur, 65 ft. above gulch, projects E. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.
	$\frac{1}{2}$ S7   S8 1920
	<p>From which</p> <p>A pinon, 9 ins. dia., bears N. 87° E., 44 lks. dist., marked <math>\frac{1}{2}</math> S8 BT.</p> <p>A pinon, 8 ins. dia., bears S. 50° W., 20 lks. dist., marked <math>\frac{1}{2}</math> S7 BT.</p>
49.00	Top of steep descent of white sandstone ledges, 45 ft. below spur, bears E. and W,

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

58.00 Base of white sandstone ledges, 210 ft. below top, bears E. and W.; descend gradually.

60.30 On gentle N. slope, 15 ft. below base of ledges. Intersect the S. bdy. sec. 6, 11.83 chs. W. of the cor. secs. 5 and 6: At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. secs. 7 and 8, with brass cap marked.

T30S R5E  
S6  
-----  
S7 | S8  
UC  
1920

From which

A yellow pine, 10 ins. dia., bears S. 42° E.,  
47 lks. dist., marked CC T30S R5E S8 BT.

A pinon, 6 ins. dia., bears S. 60° W., 5 lks.  
dist., marked CC T30S R5E S7 BT.

Land, rolling foot hills of Boulder Mountain.

Soil, shallow red sandy loam.

Drainage, NE. into Fish Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing on all of mile.

From the  $\frac{1}{4}$  sec. cor. sec. 6 on S. bdy. sec. 6.

West, bet. secs. 6 and 7.

Ascend abruptly over broken sandstone ledges, through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

1.10 Point of sandstone spur, 35 ft. above  $\frac{1}{4}$  sec. cor. sec. 6, projects N.; continue abrupt ascent.

11.88  $\frac{1}{2}$  On steep NE. slope of sandstone breaks, 210 ft. above spur. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 7, with brass cap marked.

$\frac{1}{4}$  S7  
1920

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

No suitable bearing trees available.

Continue abrupt ascent over sandstone ledges.

17.00

Wash, course NE.

22.00

Top of ridge, 115 ft. above ¼ sec. cor., bears SE. and NW.; descend abruptly.

34.70

Small stream of good clear water, 3 lks. wide, 2 ins. deep, in gulch, 410 ft. below ridge, drains N. 10° E.; ascend abruptly.

38.10

Sandstone spur, 45 ft. above creek, projects N.; descend abruptly.

45.60

Small stream of good clear water, 3 lks. wide, 2 ins. deep, in gulch, 45 ft. below spur, drains N. 10° E.; ascend abruptly.

51.94

Intersect W. bdy. of Tp. at the cor. secs. 1, 6, 7 and 12, 60 ft. above gulch.

Land, broken sandstone ledges.

Soil, shallow red sandy loam.

Drainage, N. 15° E. into Fish Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing on all of mile.

From the standard cor. on S. bdy. of the township for secs. 32 and 33.

N. 0°01' E., bet. secs. 32 and 33.

Descend gradually over rough N. slope of Boulder Mountain, through dense aspen, yellow and red pine timber and scattering undergrowth of sagebrush.

5.00

Draw, 75 ft. below cor., drains NE.; ascend abruptly.

16.50

Ridge, 165 ft. above draw, bears NE. and SW.; descend abruptly.

40.00

On steep N. slope, 200 ft. below ridge,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.

S32 | S33

1920

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From which

A red pine, 14 ins. dia., bears N. 70°15' E.,  
21 lks. dist., marked S33 BT.

A red pine, 12 ins. dia., bears S. 54° W.,  
21 lks. dist., marked S32 BT.

56.10 A red pine tree, 10 ins. dia., which I mark with two notches  
on N. and S. faces for line tree.

65.20 Draw, 75 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 70° E.;  
ascend gradually.

66.70 Spur, 30 ft. above draw, projects E.; descend abruptly.

77.60 A red pine tree, 25 ins. dia., which I mark with two  
notches on N. and S. faces for line tree.

80.00 On steep N. slope, 210 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the  
ground, for cor. secs. 28, 29, 32 and 33, with brass  
cap marked.

T30S	R5E
S29	S28
S32	S33

1920

From which

An aspen, 7 ins. dia., bears N. 60° E., 12 lks.  
dist., marked T30S R5E S28 BT.

An aspen, 6 ins. dia., bears S. 65° E., 19 lks.  
dist., marked T30S R5E S33 BT.

A red pine, 10 ins. dia., bears S. 60° W., 28 lks.  
dist., marked T30S R5E S32 BT.

A red pine, 10 ins. dia., bears N. 80°30' W.,  
12 lks. dist., marked T30S R5E S29 BT.

Land, broken N. slope of Boulder Mountain.

Soil, shallow black loam.

Drainage, NE. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen, yellow and red pine.

Good grazing on all of mile.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

West, on random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 29, 30, 31 and 32.

Thence

S.  $89^{\circ}59'$  E., on true line bet. secs. 29 and 32.

Descend gradually over rough mountainous land, through dense aspen, yellow and red pine timber and scattering undergrowth of sagebrush.

15.50 Draw, 30 ft. below cor., drains N.  $10^{\circ}$  E.; ascend gradually.

21.80 Spur, 75 ft. above draw, projects N.; descend gradually.

26.10 Draw, 15 ft. below spur, drains N.  $10^{\circ}$  E.; ascend gradually.

38.00 Spur, 15 ft. above draw, projects N.; descend gradually.

40.01 On gentle E. slope of spur, 15 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{S29}{\frac{1}{4}}$   
 S32  
 1920

From which

An aspen, 8 ins. dia., bears N.  $51^{\circ}30'$  E., 32 lks. dist., marked  $\frac{1}{4}$  S29 BT.

An aspen, 6 ins. dia., bears S.  $52^{\circ}30'$  E., 45 lks. dist., marked  $\frac{1}{4}$  S32 BT.

44.90 Gulch, 45 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend gradually.

46.20 A red pine tree, 8 ins. dia., which I mark with two notches on E. and W. faces for line tree.

46.30 Spur, 45 ft. above gulch, projects N.  $10^{\circ}$  E.; descend gradually.

52.60 A red pine tree, 12 ins. dia., which I mark with two notches on E. and W. faces for line tree.

55.00 Gulch, 70 ft. below spur, drains N.  $15^{\circ}$  E.; continue gradual descent.

CHAINS

80.02 The cor. secs. 28, 29, 32 and 33, 65 ft. below gulch.  
 Land, broken N. slope of Boulder Mountain.  
 Soil, shallow black loam.  
 Drainage, N. into Carcass Creek.  
 Undergrowth, scattering sagebrush.  
 Timber, dense aspen, yellow and red pine.  
 Exceedingly good grazing on all of mile.

N. 0°01' E., bet. secs. 28 and 29.

Descend abruptly over mountainous land, through dense  
 aspen, yellow and red pine timber and scattering under-  
 growth of sagebrush.

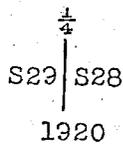
15.40 Ridge, 325 ft. below cor., bears NE. and SW.; continue  
 abrupt descent.

17.40 Draw, 70 ft. below ridge, drains NE.; ascend gradually.

19.50 Spur, 40 ft. above draw, projects NE.; thence descend  
 gradually along steep E. slope of ridge.

40.00 On steep E. slope of ridge, in large granite boulders,  
 65 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a  
 mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which

An aspen, 9 ins. dia., bears N. 15° E., 24 lks.  
 dist.; marked  $\frac{1}{4}$  S28 BT.

An aspen, 8 ins. dia., bears N. 22°30' W., 52 lks.  
 dist., marked  $\frac{1}{4}$  S29 BT.

Thence ascend gradually.

54.00 Aspen timber becomes scattering, bears NE. and SW.

71.00 Spur, 25 ft. above the  $\frac{1}{4}$  sec. cor., projects E.; descend  
 gradually.

80.00 On level land, 160 ft. below spur.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 20, 21, 28 and 29, with brass cap marked:

T30S	R5E
S20	S21
S29	S28

1920

From which

- A red pine, 18 ins. dia., bears N. 69° E., 68 lks. dist., marked T30S R5E S21 BT.
- A yellow pine, 22 ins. dia., bears S. 81° E., 65 lks. dist., marked T30S R5E S28 BT.
- A yellow pine, 26 ins. dia., bears S. 11° W., 59 lks. dist., marked T30S R5E S29 BT.
- An aspen, 8 ins. dia., bears N. 56° W., 37 lks. dist., marked T30S R5E S20 BT.

Land, broken N. slope of Boulder Mountain.

Soil, shallow black loam.

Drainage, N. 15° E. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen, yellow and red pine.

Good grazing on all of mile.

N. 89°52' W., on random line bet. secs. 20 and 29.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 19, 20, 29 and 30.

Thence

N. 89°58' E., on true line bet. secs. 20 and 29.

Ascend gradually over rolling mountainous land, through dense aspen, yellow and red pine timber and scattering undergrowth of sagebrush.

4.70 A small spring branch, which is a stream of good clear water, 2 lks. wide, 2 ins. deep, drains N. 20° W.

SUBDIVISION OF T. 30 S., R. 5 E.

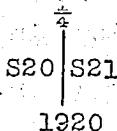
CHAINS

- 23.00 Ridge, 200 ft. above cor., bears N. and S.; thence ascend gradually.
- 40.03 On gentle N. slope, 110 ft. above ridge.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\frac{1}{4} \frac{S20}{S29}$$
- From which
- A yellow pine, 28 ins. dia., bears N. 18° E., 82 1/2 ft. dist., marked  $\frac{1}{4}$  S20 BT.
- A yellow pine, 20 ins. dia., bears S. 10° E., 28 1/2 ft. dist., marked  $\frac{1}{4}$  S29 BT.
- 40.50 Ridge, 15 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.; descend gradually.
- 56.70 Draw, 20 ft. below ridge, drains N.; ascend gradually.
- 62.10 Ridge, bears N. and S., 75 ft. above draw; descend gradually.
- 80.06 The cor. secs. 20, 21, 28 and 29, 65 ft. below ridge.  
Land, rolling N. slope of Boulder Mountain.  
Soil, shallow black loam.  
Drainage, N. into Carcass Creek.  
Undergrowth, scattering sagebrush.  
Timber, dense aspen, yellow and red pine.  
Exceedingly good grazing on all of mile.
- 
- N. 0°01' E., bet. secs. 20 and 21.  
Descend gradually over rolling mountainous land, through dense yellow pine and scattering aspen timber and scattering undergrowth of sagebrush.
- 2.50 Begin abrupt descent, 10 ft. below cor. bear E. and W.
- 9.10 A yellow pine tree, 16 ins. dia., which I mark with two notches on N. and S. faces for line tree.
- 37.00 Gulch, 600 ft. below sec. cor., drains N. 80° E.; continue abrupt descent.
- 40.00 On steep N. slope, 25 ft. below gulch.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which

A yellow pine, 12 ins. dia., bears S.  $81^{\circ}30'$  E., 17 lks. dist., marked  $\frac{1}{4}$  S21 BT.

A yellow pine, 16 ins. dia., bears N.  $65^{\circ}$  W., 31 lks. dist., marked  $\frac{1}{4}$  S20 BT.

41.30 Carcass Creek, stream of good clear water, 15 lks. wide, 3 ins. deep, in canyon, 15 ft. below the  $\frac{1}{4}$  sec. cor., drains N.  $80^{\circ}$  E.; ascend abruptly.

49.10 Spur, 65 ft. above creek, projects E.; descend gradually.

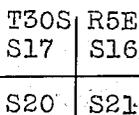
55.00 Enter scattering cedar and pinon timber, bears E. and W.

60.00 Draw, 40 ft. below spur, drains NE.; ascend gradually.

74.80 Ridge, 150 ft. above draw, bears E. and W.; descend gradually.

80.00 On rolling land, 45 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 16, 17, 20 and 21, with brass cap marked.



1920

From which

A pinon, 12 ins. dia., bears N.  $25^{\circ}$  E., 94 lks. dist., marked T30S R5E S16 BT.

A pinon, 12 ins. dia., bears S.  $9^{\circ}$  E., 180 lks. dist., marked T30S R5E S21 BT.

A pinon, 10 ins. dia., bears S.  $5^{\circ}$  W., 176 lks. dist., marked T30S R5E S20 BT.

A pinon, 14 ins. dia., bears N.  $7^{\circ}$  W., 88 lks. dist., marked T30S R5E S17 BT.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow black loam.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Drainage, N. 80° E. by Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense yellow pine and scattering aspen on S.

35.00 chs. dense cedar, pinon and yellow pine and scattering aspen remainder of mile.

Good grazing on all of mile.

S. 89°56' W., on random line bet. secs. 17 and 20.

40.00 Set temp. sec. cor.

30.10 Intersect the N. and S. line, 7 lks. N. of cor. secs. 17, 18, 19 and 20.

Thence

N. 89°55' E., on true line bet. secs. 17 and 20.

Descend gradually over mountainous land through dense cedar, pinon and yellow pine and scattering aspen timber and scattering undergrowth of sagebrush.

4.10 Fish Creek, stream of good clear water, 10 lks. wide, 4 ins. deep, in canyon, 50 ft. below the sec. cor., drains N. 10° E.; ascend abruptly.

2.10 Spur, 65 ft. above creek, projects N.; descend gradually.

11.20 Gulch, 50 ft. below spur, drains N. 10° E.; ascend gradually.

10.70 Ridge, 45 ft. above gulch, bears N. and S.; descend gradually.

38.00 Draw, 120 ft. below ridge, drains N. 30° E., ascend gradually.

35.00 Road from Grover <sup>or Teasdale</sup> to Fish Creek Lake, bears N. and S.

40.05 On low spur, 45 ft. above draw, projects N.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for sec. cor., with brass cap marked.

S17

S20

1320

From which

A yellow pine, 24 ins. dia., bears N. 25° E.,

30 lks. dist., marked S17 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A yellow pine, 20 ins. dia., bears S. 35° E.,  
280 lks. dist., marked 1/4 S20 BT.

42.10 Draw, 35 ft. below the 1/4 sec. cor., drains N. 10° E.;  
ascend gradually.

45.90 Spur, 50 ft. above draw, projects N.; descend gradually.

80.10 The cor. secs. 16, 17, 20 and 21, 75 ft. below spur.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow red sandy loam.

Drainage, N. into Fish Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine and scattering  
aspens.

Good grazing on all of mile.

N. 0°01' E., bet. secs. 16 and 17.

Descend gradually over mountainous land, through dense  
cedar, pinon and yellow pine timber and scattering  
undergrowth of sagebrush.

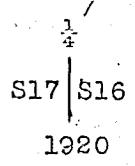
4.90 Swale, 30 ft. below cor., drains NE.; ascend gradually.

11.10 Spur, 35 ft. above swale, projects NE.; descend gradually.

13.80 Gulch, 70 ft. below spur, drains N. 60° E.; thence descend  
gradually along steep E. slope of ridge.

40.00 On point of spur, 110 ft. below gulch, projects E.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap marked.



From which

A pinon, 10 ins. dia., bears N. 81° E., 42 lks.  
dist., marked 1/4 S16 BT.

A pinon, 10 ins. dia., bears S. 68° W., 37 lks.  
dist., marked 1/4 S17 BT.

43.50 Gulch, 40 ft. below the 1/4 sec. cor., drains NW.; continue  
gradual descent.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

44.90 Old irrigation ditch; 10 lks. wide, 2 ft. deep, drains N. 10° W.

45.90 Same ditch, drains NE.

61.14 Old cor. secs. 8, 9, 16 and 17, which I destroy, bears N. 81° W., 3.76 chs. dist.

80.00 On gentle N. slope, 150 ft. below gulch, on E. edge of old wood road.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 8, 9, 16 and 17, with brass cap marked.

T30S	R5E
S8	S9
S17	S16

1920

From which

A cedar, 16 ins. dia., bears N. 61° E., 58 lks. dist., marked T30S R5E S9 BT.

A pinon, 10 ins. dia., bears S. 44° E., 62 lks. dist., marked T30S R5E S16 BT.

A pinon, 12 ins. dia., bears S. 49° W., 110 lks. dist., marked T30S R5E S17 BT.

A pinon, 14 ins. dia., bears N. 40° W., 102 lks. dist., marked T30S R5E S8 BT.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow red sandy loam.

Drainage, NE. on S.  $\frac{1}{2}$  mile, thence NW. on remainder of mile into Fish Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing on all of mile.

S. 89°55' W., on random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.04 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 7, 8, 17 and 18.

Thence

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

N. 89°56' E., on true line bet. secs. 8 and 17:

Descend gradually over mountainous land; through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

- 1.40 Top of abrupt ascent into Fish Creek, bears N. and S.
- 33.50 Fish Creek, stream of good clear water, 10 lks. wide, 5 ins. deep, in canyon, 560 ft. below cor., drains N.; ascend abruptly.
- 57.80 Spur, 75 ft. above creek, projects N.; thence over rolling land.

40.02 On gentle E. slope, 15 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S8  
-----  
S17

1920

From which

A pinon, 14 ins. dia., bears S. 71° E., 22 lks. dist., marked  $\frac{1}{4}$  S17 BT.

A pinon, 10 ins. dia., bears N. 42° W., 29 lks. dist., marked  $\frac{1}{4}$  S8 BT.

- 62.60 Draw, 45 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 10° E.; ascend gradually.
- 74.30 Spur, 65 ft. above draw, projects N.; descend gradually.
- 79.90 Old wood road, bears NE. and SW. Also Fish Creek Lake to Grover or Teasdale.
- 80.04 The cor. secs. 8, 9, 16 and 17, 75 ft. below spur.  
Land, rolling N. slope of Boulder Mountain.  
Soil, shallow red sandy loam, mixed with loose sandstone.  
Drainage, N. by Fish Creek.  
Undergrowth, scattering sagebrush.  
Timber, dense cedar and pinon and scattering yellow pine.  
Good grazing on all of mile.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS	
	N. 0°01' E., on random line bet. secs. 8 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
61.25	Intersect the S. bdy. sec. 4, 2 lks. E. of the cor. secs. 4, 5, 8 and 9.
	Thence,
	S. 0°04' E., on true line bet. secs. 8 and 9.
	Descend gradually over mountainous land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
6.40	Gulch, 35 ft. below cor., drains N. 10° W.; ascend gradually.
18.70	Old wood road, bears SE. and NW.; also Fish Creek Lake to Grover or Teasdale.
21.85	On gentle N. slope, 45 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{c} 3 \\ \text{SS} \mid \text{S9} \\ 1920 \end{array}$
	From with
	A pinon 16 ins. dia., bears S. 60° E., 51 lks. dist., marked $\frac{1}{4}$ S9 BT.
	A pinon, 8 ins. dia., bears N. 27° W., 53 lks. dist., marked $\frac{1}{4}$ SS BT.
27.10	Point of spur, 65 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; thence over nearly level land.
32.30	Old $\frac{1}{4}$ sec. cor. for secs. 8 and 9, which I destroy, bears N. 76° W., 2.30 chs. dist.
56.60	Old wood road, bears N. 10° E. and S. 10° W. Also Fish Creek Lake to Grover or Teasdale.
60.80	Same road, bears N. 10° W. and S. 10° E.
61.25	The cor. secs. 8, 9, 16 and 17.
	Land, rolling foot hills of Boulder Mountain.
	Soil, shallow red sandy loam.
	Drainage, N. 20° W., into Fish Creek.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon. Good grazing.

SUBDIVISION of T. 30 S., R. 5 E.

CHAINS

From the standard cor. on S. bdy. of the township, for  
secs. 33 and 34.

N.  $0^{\circ}02'$  E., bet. secs. 33 and 34.

Descend abruptly over steep N. slope of Boulder Mountain  
through dense aspen, yellow and red pine and scattering  
undergrowth of sagebrush.

9.20 Gulch, 340 ft. below cor., drains NE.; ascend gradually.

23.00 Ridge, 30 ft. above gulch, bears NE. and SW.; descend  
abruptly.

40.00 On steep N. slope, 540 ft. below top of ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S33	S34
-----	-----

1920

From which

A red pine, 10 ins. dia., bears N.  $67^{\circ}30'$  E.,  
12 lks. dist., marked  $\frac{1}{4}$  S34 BT.

A red pine, 6 ins. dia., bears N.  $82^{\circ}15'$  W.,  
24 lks. dist., marked  $\frac{1}{4}$  S33 BT.

71.00 Head of gulch, 250 ft. below the  $\frac{1}{4}$  sec. cor., drains  
NE.; ascend gradually.

75.40 Spur, 45 ft. above head of gulch, projects NE.; descend  
abruptly.

80.00 On steep N. slope, 70 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the  
ground, for cor. secs. 27, 28, 33 and 34, with brass  
cap marked.

T30S	R5E
S28	S27
S33	S34

1920

From which

A yellow pine, 14 ins. dia., bears N.  $83^{\circ}$  E.,  
61 lks. dist., marked T30S R5E S27 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A yellow pine, 16 ins. dia., bears S. 67° E.,  
103 lks. dist., marked T30S R5E S34 BT.

A red pine, 14 ins. dia., bears S. 48° W., 55 lks.  
dist., marked T30S R5E S33 BT.

A red pine, 6 ins. dia., bears N. 85° W., 24 lks.  
dist., marked T30S R5E S28 BT.

Land, steep N. slope of Boulder Mountain.

Soil, shallow black loam.

Drainage, NE. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen, yellow and red pine.

Good grazing on all of mile.

West, on random line bet. secs. 28 and 33.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.04 Intersect the N. and S. line, 3 lks. N. of the cor. secs.  
28, 29, 32 and 33.

Thence

N. 83° 53' E., on true line bet. secs. 28 and 33.

Descend abruptly over rolling N. slope through dense  
aspen, yellow and red pine timber, and scattering under-  
growth of sagebrush.

6.00 Head of Wide Hollow, 70 ft. below sec. cor., drains N.;  
ascend abruptly.

8.50 Top of divide bet. Wide Hollow and Rock Creek, 75 ft.  
above head of hollow, bears N. and S.; descend gradually

22.10 Draw, 80 ft. below top of divide, drains N. 10° E.; ascend  
gradually.

24.70 Spur, 40 ft. above draw, projects N. 10° E.; descend  
abruptly.

40.02 On steep E. slope of spur, 270 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked.

S28

S33

1220

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From which

An aspen, 8 ins. dia., bears S. 35°15' W., 6 lks. dist., marked  $\frac{1}{4}$  S33 BT.

An aspen, 6 ins. dia., bears N. 20°45' W., 4 lks. dist., marked  $\frac{1}{4}$  S28' BT.

53.00 Rock Creek, stream of good clear water, 3 lks. wide, 2 ins. deep, in hollow, 270 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 20° E.; ascend abruptly.

68.80 Ridge, 200 ft. above creek, bears N. and S.; descend gradually.

78.04 The cor. secs. 27, 28, 33 and 34, 60 ft. below ridge.

Land, steep N. slope of Boulder Mountain.

Soil, shallow black loam.

Drainage, N. 20° E. by Rock Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen, yellow and red pine.

Exceedingly good grazing on all of mile.

N. 0°02' E., bet. secs. 27 and 28.

Descend abrupt N. slope of Boulder Mountain through dense aspen, yellow and red pine timber and scattering undergrowth of sagebrush.

11.50 Spur, 140 ft. below cor., projects N. 30° E.; continue abrupt descent.

33.80 Rock Creek, stream of good clear water, 2 lks. wide, 2 ins. deep, in hollow, 270 ft. below spur, drains N. 20° E.; continue descent.

40.00 On steep NE. slope, 40 ft. below creek.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S28 | S27

1920

From which

A yellow pine, 12 ins. dia., bears N. 10° E., 12 lks. dist., marked  $\frac{1}{4}$  S27 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A yellow pine, 14 ins. dia., bears S. 80° W.,  
25 lks. dist., marked  $\frac{1}{2}$  S28 BT.

64.00 Ridge, 140 ft. below the  $\frac{1}{2}$  sec. cor., bears NE. and SW.;  
descend abruptly.

69.20 Draw, 85 ft. below ridge, drains N. 20° E.; descent  
becomes more gradual.

80.00 On gentle NE. slope. 60 ft. below draw.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the  
ground, for cor. secs. 21, 22, 27 and 28, with brass  
cap marked.

T30S	R5E
S21	S22
S28	S27

1920

From which

A yellow pine, 28 ins. dia., bears N. 60° E.,  
. 111 lks. dist., marked T30S R5E S22 BT.

A yellow pine, 14 ins. dia., bears S. 81°30' E.,  
172 lks. dist., marked T30S R5E S27 BT.

A yellow pine, 16 ins. dia., bears S. 7°30' W.,  
93 lks. dist., marked T30S R5E S28 BT.

A yellow pine, 30 ins. dia., bears N. 23° W.,  
141 lks. dist., marked T30S R5E S21 BT.

Land, steep N. slope of Boulder Mountain.

Soil, shallow black loam.

Drainage, N. 20° E. by Rock Creek.

Undergrowth, scattering sagebrush.

Timber, dense aspen, yellow and red pine.

Good grazing on all of mile.

S. 89°59' W., on random line bet. secs. 21 and 28.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.10 Intersect the N. and S. line, 9 lks. N. of the cor. secs.  
20, 21, 28 and 29.

Thence

N. 89°55' E., on true line bet. secs. 21 and 28.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Descend abruptly over mountainous land, through dense yellow pine and scattering aspen timber and scattering undergrowth of sagebrush.

23.10 Stream of good clear water, 2 lks. wide, 1 in. deep, in bottom of Wide Hollow, 310 ft. below cor., drains N. 10° E.; ascend abruptly.

38.00 Ridge, 175 ft. above hollow, bears N. and S., descend abrupt E. slope of ridge.

40.05 On steep E. slope of ridge, 45 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S21  
—  
 $\frac{1}{4}$   
S28

1920

From which

A yellow pine, 10 ins. dia., bears north, 80 lks. dist., marked  $\frac{3}{4}$  S21 BT.

A yellow pine, 24 ins. dia., bears south, 47 lks. dist., marked  $\frac{1}{4}$  S28 BT.

55.00 Base of steep descent from ridge, 250 ft. below top, bears N. and S.; thence over level land.

64.10 Wash, 40 lks. wide, 4 ft. deep, drains N.

77.20 Draw, 80 lks. wide, 10 ft. deep, drains NE.

80.10 The cor. secs. 21, 22, 27 and 28.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow black loam.

Drainage, N. 20° E., into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense yellow pine and scattering aspen.

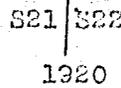
Good grazing on all of mile.

N. 0°02' E., bet. secs. 21 and 22.

Descend gradually over gentle N. slope through dense cedar, pinon, aspen and yellow pine timber and scattering undergrowth of sagebrush.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS	
7.20	Draw, 30 ft. below cor., drains N. 20° E.; ascend gradually.
13.00	Spur, 15 ft. above draw, projects NE.; descend gradually.
17.10	Gulch, 20 ft. below spur, drains NE.; ascend gradually.
20.00	Spur, 25 ft. above gulch, projects NE.; descend gradually.
32.10	Gulch, 40 ft. below spur, drains N. 10° E.; descend abruptly.
40.00	On steep N. slope, 130 ft. below gulch. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

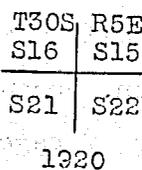


From which

A yellow pine, 20 ins. dia., bears S. 57°30' E.,  
37 lks. dist., marked  $\frac{1}{4}$  S22 BT.

A yellow pine, 10 ins. dia., bears S. 36°30' W.,  
47 lks. dist., marked  $\frac{1}{4}$  S21 BT.

40.60	Gulch, 25 ft. below the $\frac{1}{4}$ sec. cor., drains N. 30° E.; continue descent.
42.30	Spur, 40 ft. below gulch, projects NE.; descend gradually.
49.40	Wash, 40 lks. wide, 6 ft. deep, 35 ft. below spur, drains N. 10° W.; continue descent.
59.00	Carcass Creek, stream of good clear water, 10 lks. wide, 6 ins. deep, in canyon, 40 ft. below wash, drains NE.; ascend gradually.
64.00	Spur, 60 ft. above creek, projects E.; descend gradually.
78.00	Draw, 40 ft. below spur, drains N. 70° E.; ascend gradually.
80.00	On steep SE. slope, 15 ft. above draw. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 15, 16, 21 and 22, with brass cap marked.



SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From which

- A pinon, 10 ins. dia., bears N. 16°30' E., 155 lks. dist., marked T30S R5E S15 BT.
- A yellow pine, 14 ins. dia., bears S. 41° E., 72 lks. dist., marked T30S R5E S22 BT.
- A cedar, 10 ins. dia., bears S. 40° W., 52 lks. dist., marked T30S R5E S21 BT.
- A pinon, 10 ins. dia., bears N. 87°30' W., 60 lks. dist., marked T30S R5E S16 BT.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow black loam about 2 ft. deep on rock subsoil.

Drainage, NE. by Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon, aspen and yellow pine.

Good grazing on all of mile.

S. 89°55' W., on random line bet. secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect the N. and S. line 2 lks. N. of the cor. secs. 16, 17, 20 and 21.

Thence

N. 89°54' E., on true line bet. secs. 16 and 21.

Ascend gradually over rolling foot hills of Boulder

Mountain through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

2.70 Ridge, 45 ft. above cor., bears NE. and SW.; descend gradually over rolling land.

12.00 Descent becomes more gradual, bears N. and S.

40.00 On gentle E. slope, 145 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S16

S21

1920

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From which

A pinon, 8 ins. dia., bears S. 11° W., 18 lks. dist., marked  $\frac{1}{4}$  S21 BT.

A pinon, 10 ins. dia., bears N. 38° W., 30 lks. dist., marked  $\frac{1}{4}$  S16 BT.

Continue gradual descent.

63.00 Low ridge, 45 ft. below the  $\frac{1}{4}$  sec. cor., bears NE. and SW.; descend gradually.

80.00 The cor. secs. 15, 16, 21 and 22, 45 ft. below ridge. Land, rolling N. slope of Boulder Mountain.

Soil, shallow black loam about 1 ft. deep with white sandstone subsoil.

Drainage, NE. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine

Good grazing on all of mile.

N. 0°02' E., bet. secs. 15 and 16.

Descend gradually over mountainous land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

9.50 Draw, 40 ft. below sec. cor., drains NE.; ascend gradually

18.80 Spur, 25 ft. above draw, projects N. 20° E.; descend gradually.

32.20 Gulch, 35 ft. below spur, drains NE.; ascend gradually.

35.70 Spur, 25 ft. below gulch, projects NE.; descend gradually.

40.00 On gentle N. slope of spur, 15 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S16 | S15

1920

From which

A pinon, 8 ins. dia., bears N. 48° E., 88 lks. dist., marked  $\frac{1}{4}$  S15 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A pinon, 10 ins. dia., bears N. 80° W., 61 lks. dist., marked  $\frac{1}{2}$  S16 BT.

55.00 Gulch, 45 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 20° E.; ascend gradually.

67.10 Spur, 60 ft. above gulch, projects NE.; descend gradually.

71.80 Descent becomes more gradual, bears E. and W.

80.00 On gentle N. slope, 110 ft. below spur.

Set an iron post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for cor. secs. 9, 10, 15 and 16, with brass cap marked.

T30S	R5E
S9	S10

S16	S15
-----	-----

1920

From which

A pinon, 8 ins. dia., bears N. 87° E., 33 lks. dist., marked T30S R5E S10 BT.

A cedar, 14 ins. dia., bears S. 24° E., 26 lks. dist., marked T30S R5E S15 BT.

A pinon, 6 ins. dia., bears S. 29° W., 49 lks. dist., marked T30S R5E S16 BT.

A cedar, 12 ins. dia., bears N. 40° W., 10 lks. dist., marked T30S R5E S9 BT.

Land, rolling foot hills of Boulder Mountain.

Soil, shallow red sandy loam, about 1 ft. deep with white sandstone subsoil.

Drainage, NE. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing on all of mile.

S. 89°54' W., on random line bet. secs. 9 and 16.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect the N. and S. line, 10 lks. S. of the cor. secs. 8, 9, 16 and 17.

Thence

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

N. 89°58' E., on true line bet. secs. 9 and 16.

Ascend gradually over rolling mountainous land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

3.50 Low ridge, 20 ft. above cor., bears N. 15° E. and S. 15° descend gradually.

8.00 Swale, 15 ft. below ridge, drains N.; ascend gradually.

22.00 Ridge, 50 ft. above swale, bears N. and S.; descend gradually.

33.50 Gulch, 50 ft. below ridge, drains N. 10° W.; ascend gradually.

40.04 On gentle W. slope, 20 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S9

S16  
1920

From which

A pinon, 8 ins. dia., bears S. 10° W., 37 lks. dist., marked  $\frac{1}{4}$  S16 BT.

A pinon, 12 ins. dia., bears N. 8° W., 48 lks. dist., marked  $\frac{1}{4}$  S9 BT.

49.20 Ridge, 50 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.; descend gradually.

70.00 Gulch, 50 ft. below ridge, drains N. 10° E.; ascend gradually.

74.30 Spur, 40 ft. above gulch, projects N.; descend gradually.

80.02 The cor. secs. 9, 10, 15 and 16, 25 ft. below spur.

Land, rolling foot hills of Boulder Mountain.

Soil, shallow red sandy loam, above 1 ft. deep with white sandstone subsoil.

Drainage, N. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing on all of mile.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

N. 83°56' E., on true line bet. secs. 10 and 15.

Descend gradually over mountainous land, through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

3.80 Draw, 30 ft. below cor., drains N. 15° E.; ascend gradually.

10.50 Ridge, 60 ft. above draw, bears NE. and SW.; descend gradually.

17.20 Gulch, 150 ft. below ridge, drains N. 30° E.; ascend gradually.

28.20 Spur, 20 ft. above gulch, projects N.; descend gradually.

40.00 On gentle SE. slope, 35 ft. below top of spur; point midway bet cor. secs. 14 and 15 and cor. secs. 9, 10, 15 and 16.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S10

S15

1320

From which

A pinon, 6 ins. dia., bears N. 57° E., 27 lks. dist., marked  $\frac{1}{4}$  S10 BT.

A cedar, 6 ins. dia., bears S. 2° W., 63 lks. dist., marked  $\frac{1}{4}$  S15 BT.

46.00 Irrigation ditch, 10 lks. wide, 1 ft. deep, drains N.

52.50 One-wire telephone line from Teasdale to Ranger's Station, bears N. 10° E. and S. 10° W.

56.50 Road from Grover to Boulder Mountain, bears N. 12° E. and S. 12° W.

59.70 Low ridge, same level as the  $\frac{1}{4}$  sec. cor., bears N. 12° E. and S. 12° W.

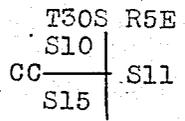
67.50 Carcass Creek, stream of good clear water, 10 lks. wide, 6 ins. deep, in canyon, 50 ft. below ridge, drains N. 20° E.; ascend gradually.

75.49 On rolling land, 35 ft. above creek; intersect the W. bdy. secs 11, N. 0°47' E., 18.48 chs. dist. from <sup>SW</sup> cor. sec. 11.

SUBDIVISION OF T30S S., R. 5 E.

CHAINS

At point of intersection.  
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. secs. 10 and 15, with brass cap marked.



1920

From which

A cedar, 18 ins. dia., bears S. 12° W., 23 lks. dist., marked CC T30S R5E S15 BT.

A cedar, 14 ins. dia., bears N. 81° W., 52 lks. dist., marked CC T30S R5E S10 BT.

Land, rolling foot hills of Boulder Mountain.

Soil, shallow red sandy loam, about 1 ft. deep with white sandstone subsoil.

Drainage, NE. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing on all of mile.

N. 0°02' E., on true line bet. secs. 9 and 10.

Descend gradually over rolling mountainous land, through dense cedar and pinon timber and scattering undergrowth of sagebrush.

11.40 Gulch, 100 ft. below cor., drains NE.; ascend gradually.

18.00 Ridge, 60 ft. above gulch, bears NE. and SW.; descend gradually.

23.40 The old sec. cor. secs. 9 and 10 which I destroy, bears S. 76°30' W., 358 lks. dist.

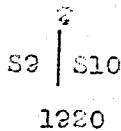
31.10 Swale, 45 ft. below ridge, drains NE.; ascend gradually.

36.10 Low spur, 20 ft. above swale, projects NE.; descend gradually.

40.00 On gentle N. slope, 25 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for sec. cor., with brass cap marked.

CHAINS



From which

A pinon, 10 ins. dia., bears S. 60° E., 54 lks. dist., marked  $\frac{1}{2}$  S10 BT.

A pinon, 12 ins. dia., bears S. 63°30' W., 63 lks. dist., marked  $\frac{1}{2}$  S9 BT.

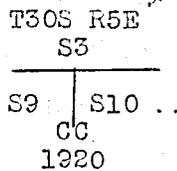
45.00 White Sandstone ledges, 40 ft. high, bears E., 5.00 chs. dist.

55.70 Gulch, 80 ft. below the  $\frac{1}{2}$  sec. cor., drains N. 80° E.; ascend gradually.

61.16 On gentle N. slope, 45 ft. above gulch; intersect the S. bdy. sec. 3, 3.00 chs. S. 89°51' E.; of the cor. secs. 3 and 4.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. secs. 9 and 10, with brass cap marked.



Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.

No suitable bearing trees available.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow red sandy loam, about 1. ft. deep with white sandstone subsoil.

Drainage, N. 20° E. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing on all of mile.

From the standard cor. on S. bdy. of the township for secs. 34 and 35.

N. 0°03' E., bet. secs. 34 and 35.

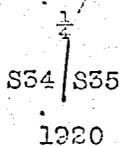
Descend gradually through dense yellow pine and scattering

CHAINS

aspen timber and scattering undergrowth of sagebrush.

40.00 On gentle NW. slope, 300 ft. below cor.

Set an iron post, 3 ft. long, 1 ins. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which

A yellow pine, 12 ins. dia., bears N. 32° E.,  
48 lks. dist., marked  $\frac{1}{4}$  S35 BT.

A yellow pine, 14 ins. dia., bears S. 40° W.,  
52 lks. dist., marked  $\frac{1}{4}$  S34 BT.

49.80 Single Tree Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in draw, 60 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; continue gradual descent.

58.00 Gulch, 40 ft. below creek, drains N. 20° E.; ascend gradually.

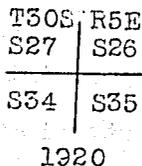
71.50 Spur, 50 ft. above gulch, projects E.; descend gradually.

75.80 Same gulch as that at 58.00 chs. point, 40 ft. below spur drains NW.; ascend gradually.

79.60 Trail from Grover to Ranger Station, bears NW. and SE.

80.00 On gentle S. slope, 35 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 26, 27, 34 and 35, with brass cap marked.



From which

A yellow pine, 14 ins. dia., bears N. 33° E.,  
76 lks. dist., marked T30S R5E S26 BT.

A yellow pine, 6 ins. dia., bears S. 7°30' E.,  
116 lks. dist., marked T30S R5E S35 BT.

A yellow pine, 6 ins. dia., bears S. 48° W., 140 lks. dist., marked T30S R5E S34 BT.

CHAINS

A yellow pine, 24 ins. dia., bears N. 68° W.,  
100 lks. dist., marked T30S R5E S27 BT.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow black loam, about 1 ft. deep with granite  
subsoil.

Drainage, NE. into Sulphur Wash on S. portion, NW. into  
Carcass Creek on N. portion of mile.

Undergrowth, scattering sagebrush.

Timber, dense yellow pine and scattering aspen.

Exceedingly good grazing on all of mile.

West, on random line bet. secs. 27 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect. the N. and S. line 5 lks. S. of the cor. secs.  
27, 28, 33 and 34.

Thence

S. 89°58' E., on true line bet. secs. 27 and 34.

Descend gradually over rolling N. slope, through dense  
yellow pine and aspen timber and scattering undergrowth  
of sagebrush.

3.50 Small stream of good clear water, 2 lks. wide, 2 ins. deep,  
in gulch, 75 ft. below cor., drains N.; ascend gradually.

20.30 Spur, same level as gulch, projects N. 20° E.; descend  
gradually.

37.60 Gulch, 190 ft. below spur, drains N.; ascend gradually.

40.00 On gentle W. slope, 40 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S27

S54

1920

From which

A yellow pine, 6 ins. dia., bears S. 5° E.,  
19 lks. dist., marked  $\frac{1}{4}$  S34 BT.

A yellow pine 10 ins. dia., bears N. 42° W.,  
23 lks. dist., marked  $\frac{1}{4}$  S27 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

Chains.	
43.30	Spur, 45 ft. above the $\frac{1}{4}$ sec. cor., projects NW.; descends gradually.
53.10	A yellow pine tree, 24 ins. dia., which I mark with two notches on E. and W. faces for line tree.
76.50	Gulch, 380 ft. below spur, drains N. 30° W.; continue gradual descent.
77.50	A yellow pine tree, 36 ins. dia., which I mark with two notches on E. and W. faces for line tree.
79.50	Trail from Grover to Ranger Station, bears NW. and SE.
80.00	The cor., secs. 26, 27, 34 and 35, 35 ft. above gulch.
	Land, rolling N. slope of Boulder Mountain.
	Soil, shallow black loam, about 1 ft. deep, with granite subsoil.
	Drainage, N. 20° E. into Carcass Creek.
	Undergrowth, scattering sagebrush.
	Timber, dense yellow pine and aspen.
	Exceedingly good grazing on all of mile.
	N. 0°05' E., bet. secs. 26 and 27.
	Ascend gradually over mountainous land through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.
1.60	One wire telephone line from Teasdale to Ranger Station, bears S. 60° E. and N. 60° W.
14.40	Enter level flat, bears E. and W.
15.10	Road from Grover, Ut. to Boulder, Ut., bears E. and W.
33.60	Leave level flat, bears E. and W.; thence ascend gradually over steep W. slope of Lion Mountain.
40.00	On steep W. slope, 150 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> <math>\frac{1}{4}</math>  S27   S26  1920 </div>
	From which

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A pinon, 8 ins. dia., bears S. 15° E., 40 lks.  
dist., marked  $\frac{1}{2}$  S26 BT.

A pinon, 10 ins. dia., bears S. 35° W., 45 lks.  
dist., marked  $\frac{1}{2}$  S27 BT.

40.70 Point of white limestone spur, 45 ft. above the  $\frac{1}{2}$  sec.  
cor., projects S. 70° W.; descend abruptly.

45.30 Gulch, 85 ft. below spur, drains W.; ascend gradually.

80.00 On steep W. slope of Lion Mountain, 175 ft. above gulch.  
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the  
ground, for cor. secs. 22, 23, 26 and 27, with brass  
cap marked.

T30S	R5E
S22	S23
S27	S26

1920

From which

A pinon, 8 ins. dia., bears N. 4° E., 35 lks.  
dist., marked T30S R5E S23 BT.

A pinon, 7 ins. dia., bears S. 12°45' E., 10 lks.  
dist., marked T30S R5E S26 BT.

A pinon, 6 ins. dia., bears S. 7°15' W., 8 lks.  
dist., marked T30S R5E S27 BT.

A pinon, 8 ins. dia., bears N. 44°30' W., 12 lks.  
dist., marked T30S R5E S22 BT.

Land, steep W. slope of Lion Mountain.

Soil, shallow red clay loam, about 1 ft. deep, with granite  
and limestone subsoil.

Drainage, W. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing on all of mile.

N. 89°58' W., on random line bet. secs. 22 and 27.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.04 Intersect the N. and S. line, 7 lks. N. of the cor. secs.  
21, 22, 27 and 28.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

Thence

N. 89°59' E., on true line bet. secs. 22 and 27.

Ascend gradually over rolling foot hills of Boulder Mountain through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.

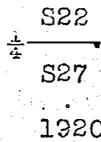
8.40 Ridge, 60 ft. above cor., bears N. and S.; descend gradually.

19.80 Rock Creek, dry at this point, in gulch, 200 ft. below ridge, drains N. 20° E.; continue gradual descent.

39.50 Gulch, 100 ft. below Rock Creek, drains N. 10° E.; ascend gradually.

40.02 On E. bank of gulch, 15 ft. above bottom.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brads cap marked.



From which

A yellow pine, 28 ins. dia., bears N. 3° E., 79 lks. dist., marked  $\frac{1}{4}$  S22 BT.

A yellow pine, 20 ins. dia., bears S. 30° W., 45 lks. dist., marked  $\frac{1}{4}$  S27 BT.

40.80 Road, from Grover, Ut. to Boulder, Ut., bears N. and S.

52.00 Telephone line to Ranger Station bears N. and S.

58.50 Ascent becomes more abrupt, bears N. and S.

80.04 The cor. secs. 22, 23, 26 and 27, 880 ft. above the  $\frac{1}{4}$  sec. cor.

Land, broken foot hills of Boulder Mountain.

Soil, shallow black loam, about 8 ins. deep, with granite and white sandstone subsoil.

Drainage, N. 20° E. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing on all of mile.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

N.  $0^{\circ}03'$  E. bet secs. 22 and 23.

Ascend abruptly over steep W. slope of Lion Mountain through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.

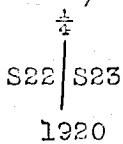
13.40 Top of abrupt ascent, 245 ft. above cor., bears SE. and NW.; thence over rolling top of plateau.

22.10 Draw, 15 ft. below top of steep ascent, drains N.  $12^{\circ}$  E.; descend gradually.

38.00 Spur, 45 ft. below draw, projects NE.; descend gradually.

40.00 On rolling top of plateau, 30 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which

A yellow pine, 24 ins. dia., bears east, 7 lks. dist., marked  $\frac{1}{4}$  S23 BT.

A yellow pine, 24 ins. dia., bears N.  $27^{\circ}$  W., 20 lks. dist., marked  $\frac{1}{4}$  S22 BT.

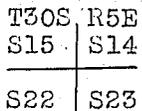
60.00 Leave rolling top of plateau, 75 ft. below the  $\frac{1}{4}$  sec. cor.; bears NE. and SW.; thence descend abrupt NW. slope of Lion Mountain.

65.20 Draw, 205 ft. below top of plateau, drains NW.; continue abrupt descent.

72.50 Top of abrupt descent over white sandstone ledges, 110 ft. below draw, bears E. and W.

80.00 On steep NW. slope, 150 ft. below top of ledges.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 14, 15, 22 and 23, with brass cap marked.



CHAINS

From which

A pinon, 10 ins. dia., bears N.  $71^{\circ}30'$  E., 22 lks. dist., marked T30S R5E S14 BT.

A pinon, 12 ins. dia., bears S.  $5^{\circ}$  E., 51 lks. dist., marked T30S R5E S23 BT.

A pinon, 6 ins. dia., bears S.  $40^{\circ}$  W., 33 lks. dist., marked T30S R5E S22 BT.

A pinon, 14 ins. dia., bears N.  $60^{\circ}$  W., 20 lks. dist., marked T30S R5E S15 BT.

From this cor., cor. set by the Forest Service, which is an iron post, 3 ins. dia., extending 12 ins. above ground, with brass cap, marked and witnessed as described by the surveyor general, bears S.  $82^{\circ}48'$  W., 4.80 chs. dist. I efface all marks on cor. and bearing trees that pertain to cor. secs. 14, 15, 22 and 23.

Land, broken NW. slope of Lion Mountain.

Soil, shallow red sandy loam, about 8 ins. deep, with white sandstone subsoil.

Drainage, NW. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing on all of mile.

S.  $89^{\circ}59'$  W., on random line bet. secs. 15 and 22.

40.00 Set temp. sec. cor.

80.04 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 15, 16, 21 and 22.

Thence

N.  $89^{\circ}56'$  E., on true line bet. secs. 15 and 22.

Descend gradually over rolling foot hills of Boulder Mountain through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

9.60 Carcass Creek, stream of good clear water, 10 lks. wide, 8 inc. deep, in bottom of hollow, 75 ft. below cor., bears N.  $10^{\circ}$  E.; ascend gradually.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- 16.00 Rolling top of ridge, 100 ft. above creek, bears N. 10° E., and S. 10° W.; descend gradually.
- 30.70 Draw, 60 ft. below ridge, drains N. 30° W.; road from Grover, Ut. to Boulder, Ut. in bottom of draw bears S. 30° E. and N. 30° W.; ascend gradually.
- 31.10 One-wire telephone line from Teasdale, Ut. to Ranger Station, bears S. 20° E. and N. 20° W.
- 36.00 Spur, 80 ft. above draw, projects N.; descend gradually.
- ✓40.02 On gentle E. slope of spur, 10 ft. below top. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- S15  
 $\frac{1}{4}$   
 S22  
 1920
- From which
- A cedar, 8 ins. dia., bears N. 86° E., 120 lks. dist., marked  $\frac{1}{4}$  S15 BT.
- A pinon, 6 ins. dia., bears S. 79° E., 41 lks. dist., marked  $\frac{1}{4}$  S22 BT.
- 42.80 Descent becomes more abrupt, bears N. and S.
- 47.30 Gulch which forms channel of Rock Creek, dry, 110 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 8° E.; ascend gradually.
- 64.00 Ridge, 115 ft. above gulch, bears N. and S.; continue gradual ascent.
- ✓80.04 The cor. secs. 14, 15, 22 and 23, 110 ft. above ridge. Land, rolling foot hills of Boulder and Lion Mountains. Soil, shallow gravelly loam about 6 ins. deep, with white sandstone subsoil. Drainage, NE. into Carcass Creek Undergrowth, scattering sagebrush. Timber, dense cedar and pinon and scattering yellow pine. Good grazing on all of mile..

N. 0°05' E., on true line bet. secs. 14 and 15.

Descend abruptly over white sandstone ledges through

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

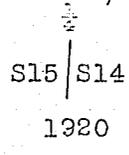
12.40 Draw, 110 ft. below cor., drains NW.; ascend gradually.

15.00 Top of steep descent over white sandstone ledges, 25 ft. above draw, bears NE. and SW.

18.10 Same draw at base of steep descent from ledges, 130 ft. below top, draw drains N. 12° E., base of descent bears NE. and SW.; thence over rolling land.

29.40 Spur, 35 ft. above draw, projects E.; descend gradually.

40.00 On gentle N. slope, 25 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



From which

A pinon, 8 ins. dia., bears N. 30° E., 10 lks. dist., marked 1/4 S14 BT.

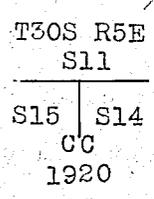
A pinon, 8 ins. dia., bears N. 82° W., 41 lks. dist., marked 1/4 S15 BT.

56.50 Rock Creek channel, dry, 35 ft. below the 1/2 sec. cor., drains NE.; ascend gradually.

61.50 On gentle S. slope, 45 ft. above Rock Creek channel, intersect the S. bdy. sec. 11, N. 89°37' E., 4.76 chs. dist. from SW cor. sec. 11.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. secs. 14 and 15, with brass cap marked.



From which

A yellow pine, 30 ins. dia., bears S. 76° E., 146 lks. dist., marked CC T30S R5E S14 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A pinon, 8 ins. dia., bears S. 53° W., 85 lks. dist., marked CC T30S R5E S15 BT.

Land, rolling foot hills of Lion Mountain.

Soil, shallow red sandy loam, about 1 ft. deep, with white sandstone subsoil.

Drainage, NE. into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing on all of mile.

From the standard cor. on S. bdy. of the township, for secs. 35 and 36.

N. 0°03' E., bet. secs. 35 and 36.

Descend gradually over mountainous land, through dense yellow pine and scattering cedar and pinon timber and scattering undergrowth of sagebrush.

29.50 Chokecherry Creek, stream of good clear water, 6 lks. wide, 4 ins. deep, in wash, 10 lks. wide, 30 ft. deep, 85 ft. below cor., drains N. 70° E.; continue gradual descent.

33.80 Small stream of good clear water, 5 lks. wide, 3 ins. deep, in wash, 30 lks. wide, 4 ft. deep, 75 ft. below Chokecherry Creek, drains S. 80° E.; ascend gradually.

32.50 Spur, 50 ft. above stream, projects E.; descend gradually.

40.00 On gentle N. slope of spur, 20 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S35 | S36  
 1920

From which

A yellow pine, 18 ins. dia., bears N. 60° E., 80 lks. dist., marked  $\frac{1}{4}$  S36 BT.

A yellow pine, 18 ins. dia., bears S. 75° W., 40 lks. dist., marked  $\frac{1}{4}$  S35 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

- 42.00 Gulch, 45 ft. below the  $\frac{1}{2}$  sec. cor., drains E.; ascend abruptly.
- 56.40 Single Tree Creek, stream of good clear water, 4 lks. wide, 2 ins. deep, drains SE.
- 65.00 Ridge, 175 ft. above gulch, bears E. and W.; descend gradually.
- 65.50 Road from Grover, Ut. to Boulder, Ut., bears NW. and SE.
- 78.00 Gulch, 75 ft. below ridge, drains E.; ascend gradually.
- 80.00 On gentle S. slope, 20 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

T30S	R5E
S26	S25
S35	S36

1920

From which

- A yellow pine, 12 ins. dia., bears N. 4° E., 46 lks. dist., marked T30S R5E S25 BT.
- A yellow pine, 15 ins. dia., bears S. 36° E., 60 lks. dist., marked T30S R5E S36 BT.
- A yellow pine, 24 ins. dia., bears S. 51° W., 30 lks. dist., marked T30S R5E S35 BT.
- A yellow pine, 18 ins. dia., bears N. 34° W., 70 lks. dist., marked T30S R5E S26 BT.

Land, rolling N. slope of Boulder Mountain.

Soil, shallow red sandy loam, about 1 ft. deep with granite subsoil.

Drainage, N. 80° E., into Sulphur Wash.

Undergrowth, scattering sagebrush.

Timber, dense yellow pine and scattering cedar and pinon.

Exceedingly good grazing on all of mile.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

West, on random line bet. secs. 26 and 35.

40.00 Set temp. sec. cor.

79.96 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 26, 27, 34 and 35.

Thence

S.  $89^{\circ}59'$  E., on true line bet. secs. 26 and 35.

Ascend gradually over rolling mountainous land through dense yellow pine timber and scattering undergrowth of sage

8.56 Telephone line from Teasdale to Kenger Station, bears SE. and W.

25.00 Rolling top of pass bet. Boulder Mountain and Lion Mountain, 49 ft. above cor., bears S.  $20^{\circ}$  E. and N.  $20^{\circ}$  W.; descend gradually.

39.38 On gentle N. slope, 40 ft. below pass.

Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground, for sec. cor.; with brass cap marked.

SEC

335

1920

From which

A yellow pine, 10 ins. dia., bears N.  $50^{\circ}$  E., 32 lks. dist., marked SEC 336 BT.

A yellow pine, 14 ins. dia., bears S.  $23^{\circ}$  E., 3 lks. dist., marked SEC 335 BT.

42.56 Road from Grover, Ut. to Boulder, Ut., bears SE. and NW.

55.00 Draw, 30 ft. below the sec. cor., drains SE.; continue gradual descent.

63.00 Descent becomes more abrupt, bears N. and S.

71.70 Draw, 110 ft. below last draw, drains SE.; descent becomes gradual, bears N. and S.

79.26 The cor. secs. 25, 26, 35 and 36, 45 ft. below draw.

Land, rolling pass bet. Boulder Mountain and Lion Mountain.

Soil, shallow black loam, about 1 ft. deep, with granite subsoil.

Drainage, NW. into Carcass Creek on w. 25.00 chs., NE. into Sulphur Wash remainder of mile.

Undergrowth, scattering sagebrush.

Timber, dense yellow pine. Good grazing on all of mile.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

From the cor. secs. 25, 26, 35 and 36, the cor. of fractional secs. 25 and 36 being visible.

East, on true line bet. secs. 25 and 36.

Descend gradually over rolling mountainous land, through dense yellow pine timber and scattering undergrowth of sagebrush.

2.37 The cor. secs. 25 and 36, 5 ft. below cor. secs. 25, 26, 35 and 36.

Description of mile same as that on previous mile.

N.  $0^{\circ}03'$  E., bet. secs. 25 and 26, from cor. sec. 25, 26, 35 and 36.

Ascend gradually over mountainous land, through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.

14.50 Spur, 80 ft. above cor., projects E.; descend gradually.

21.40 Gulch, 60 ft. below spur, drains E.; ascend abruptly over white sandstone ledges, bears E. and W.

40.00 On steep S. slope, 260 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked.

S26  $\frac{1}{2}$  S25

1920

From which

A pinon, 6 ins. dia., bears S.  $31^{\circ}$  E., 33 lks. dist., marked  $\frac{1}{2}$  S25 BT.

A red pine, 8 ins. dia., bears S.  $47^{\circ}$  W., 23 lks. dist., marked  $\frac{1}{2}$  S26 BT.

45.00 Top of sandstone ledges, 75 ft. above the  $\frac{1}{2}$  sec. cor., bears E. and W.; continue abrupt ascent.

50.00 Top of ridge, 110 ft. above sandstone ledges, bears E. and W.; descend gradually.

50.00 On steep NE. slope, 175 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 23, 24, 25 and 26, with brass cap marked.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

T30S	R5E
S23.	S24
S26	S25

1920

From which

- A yellow pine, 8 ins. dia., bears N. 68° E.,  
77 lks. dist., marked T30S R5E S24 BT.
- A yellow pine, 18 ins. dia., bears S. 85° E.,  
4 lks. dist., marked T30S R5E S25 BT.
- A red pine, 10 ins. dia., bears S. 65° W., 43 lks.  
dist., marked T30S R5E S26 BT.
- A red pine, 10 ins. dia., bears N. 60° W., 95 lks.  
dist., marked T30S R5E S23 BT.

Land, rough and mountainous.

Soil, shallow black loam, about 1 ft. deep with white sandstone subsoil.

Drainage, NE. into Sulpur Wash.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing on all of mile.

N. 89°59' W., on random line bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect the N. and S. line, 7 lks. N. of cor. secs.  
. 22, 23, 26 and 27.

Thence

N. 89°58' E., on true line bet. secs. 23 and 26.

Ascend abruptly over steep W. slope of Lion Mountain  
through dense cedar, pinon and yellow pine timber  
and scattering undergrowth of sagebrush.

17.00 Top of Lion Mt. 200 ft. above cor., projects N.; descend  
abruptly.

30.60 Large gulch, 240 ft. below spur, drains N.; ascend  
abruptly.

39.95 On steep W. slope, 65 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the

CHAINS

ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S23  
 $\frac{1}{4}$  ———  
 S26  
 1920

From which

A yellow pine, 10 ins. dia., bears N.  $9^{\circ}$  E.,  
 50 lks. dist., marked  $\frac{1}{4}$  S23 BT.

A yellow pine, 24 ins. dia., bears S.  $60^{\circ}30'$  E.,  
 84 lks. dist., marked  $\frac{1}{4}$  S26 BT.

44.90 Spur, 60 ft. above the  $\frac{1}{4}$  sec. cor., projects N.  $12^{\circ}$  E.;  
 descend gradually.

57.80 Gulch, 70 ft. below spur, drains N.  $12^{\circ}$  E.; ascend abruptly

75.50 Ridge, 270 ft. above gulch, bears N. and S.; descend  
 abruptly.

79.90 The cor. secs. 23, 24, 25 and 26, 110 ft. below ridge.  
 Land, rough and mountainous.

Soil, shallow red sandy loam, about 6 ins. deep with  
 white sandstone subsoil.

Drainage, N.  $12^{\circ}$  E. into Sulphur Wash.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Exceedingly good grazing on all of mile.

From the cor. secs. 23, 24, 25 and 26, the cor. of  
 fractional secs. 24 and 25 being visible.

East, on true line bet. secs. 24 and 25.

Descend abruptly over steep E. slope of ridge through  
 dense cedar, pinon and yellow pine timber and scattering  
 undergrowth of sagebrush.

4.47 The cor. secs. 24 and 25, 75 ft. below cor. secs. 23, 24,  
 25 and 26.

Description of mile is the same as that on previous mile.

From the cor. secs. 23, 24, 25 and 26.  
 N.  $0^{\circ}03'$  E., bet. secs. 23 and 24.

Descend abruptly over rough mountainous land through

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.

12.00 Gulch, 140 ft. below cor., drains E.; ascend abruptly.

18.40 Spur, 200 ft. above gulch, projects E.; descend abruptly.

25.00 Head of gulch, 160 ft. below spur, drains E.; ascend abruptly.

33.70 Ridge, 140 ft. above gulch, bears E. and W.; descend abruptly.

40.00 On steep N. slope of ridge, 135 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S23	S24
-----	-----

1920

From which

A red pine, 6 ins. dia., bears S. 67°30' E.,

31 lks. dist., marked  $\frac{1}{4}$  S24 BT.

A red pine, 6 ins. dia., bears N. 40° W.,

28 lks. dist., marked  $\frac{1}{4}$  S23 BT.

47.00 Gulch, 75 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend abruptly.

61.00 Spur, 180 ft. above gulch, projects NE.; descend gradually.

80.00 On gentle N. slope of spur, 65 ft. below top.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 13, 14, 23 and 24, with brass cap marked.

T30S	R5E
S14	S13
S23	S24

1920

From which

A piñon pine, 10 ins. dia., bears N. 62° E.,

19 lks. dist., marked T30S R5E S13 BT.

A yellow pine, 8 ins. dia., bears S. 47° E.,

42 lks. dist., marked T30S R5E S24 BT.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

A yellow pine, 14 ins. dia., bears S. 6° W.,  
48 lks. dist., marked T30S R5E S23 BT.

A pinon, 14 ins. dia., bears N. 52° W., 10 lks.  
dist., marked T30S R5E S14 BT.

Land, broken E. slope of Lion Mountain.

Soil, shallow red sandy loam, about 6 ins. deep with white  
sandstone subsoil.

Drainage, E. into Sulphur Wash.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine on all of mile  
and scattering red pine near the  $\frac{1}{4}$  sec. cor.

Good grazing on all of mile.

S. 89°58' W., on random line bet. secs. 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect the N. and S. line, 12 lks. S. of cor. secs.  
14, 15, 22 and 23.

Thence

S. 89°57' E., on true line bet. secs. 14 and 23.

Ascend abruptly over white sandstone ledges through dense  
cedar, pinon and yellow pine timber and scattering  
undergrowth of sagebrush.

7.30 Top of W. wall of deep box canyon, 275 ft. above cor.,  
bears N. and S.

9.00 Bottom of box canyon, 300 ft. below top of W. wall, heads  
1.50 chs. S. of line, drains N.

11.30 Top of E. wall of box canyon, 380 ft. above bottom, bears  
N. and S.; thence ascend abruptly over steep N. face of  
white sandstone ledges.

17.20 Top of abrupt ascent, 75 ft. above top of E. wall of  
canyon, bears N. 80° E. and SW.; ascend gradually.

30.00 Top of ascent, 45 ft. above top of steep ascent, bears  
N. and S.; descend gradually.

35.25 Fall 45 lks. N. of the  $\frac{1}{4}$  sec. cor. set by the Forest  
Service, for  $\frac{1}{4}$  secs. 14 and 23, which is a lava rock.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

22 x 16 x 8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I efface all marks on stone and bearing trees that pertain to secs. 14 and 23.

40.01

On gentle E. slope, 75 ft. below top of ascent. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S14}{S23}$

.1920

From which

A cedar, 14 ins. dia., bears N. 84° E., 28 lks. dist., marked  $\frac{1}{4}$  S14 BT.

A cedar, 8 ins. dia., bears S. 22° E., 40 lks. dist., marked  $\frac{1}{4}$  S23 BT.

42.80

Gulch, 30 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 30° E.; ascend gradually.

48.30

Top of ridge, 60 ft. above gulch, bears N. and S.; descend gradually.

51.00

Descent becomes abrupt, bears N. and S.

80.02

The cor. secs. 13, 14, 23 and 24, 550 ft. below ridge. Land, broken N. slope of Boulder Mountain.

Soil, shallow red sandy loam, about 4 ins. deep with white sandstone subsoil.

Drainage, N. into Carcass Creek on W. portion of mile, N. 30° E. into Sulphur Wash on E. portion of mile.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing on all of mile.

From the cor. secs. 13, 14, 23 and 24, the cor. of fractional secs. 13 and 24 being visible.

East, on true line bet. secs. 13 and 24.

85.00

Descend gradually over mountainous land through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.

CHAINS

3.50 Gulch, 15 ft. below cor., drains NE.; ascend gradually.

5.02 The cor. secs. 13 and 24, same level as gulch.

Description of mile is the same as that on previous mile

FROM the cor. secs. 13, 14, 23 and 24.  
N.  $0^{\circ}03'$  E., on true line bet. secs. 13 and 14.

Ascend gradually over mountainous land through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.

13.70 Top of divide bet. Sulphur Wash and Carcass Creek, 150 above cor., bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.; descend abruptly.

22.50 Foot of abrupt descent, 75 ft. below top, bears NW. and SE.; thence over rolling bottom of draw.

40.00 On rolling bottom of draw, 15 ft. below foot of steep descent.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S14 | S13  
 1920

Dig pits, 12 x 18 x 18 ins., N. and S. of post, 3 ft. di.  
No suitable bearing trees or stone available.

41.50 Wash, 40 lks. wide, 7 ft. deep, drains NW.

42.00 Road from Grover, Ut. to Boulder, Ut., bears SE. and NW.

60.00 Leave rolling bottom of draw, bears NW. and SE.; thence ascend gradual SW. slope.

67.50 Spur, 80 ft. above the  $\frac{1}{4}$  sec. cor., projects SW.; descend abruptly.

70.48 On steep NW. slope, 45 ft. below spur: Intersect the S. bdy. sec. 12, N.  $33^{\circ}50'$  E., 10.31 chs. dist. from cor. secs. 11 and 12. At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. secs. 13 and 14, with brass cap marked.

SUBDIVISION OF T. 30 S., R. 5 E.

CHAINS

T30S R5E

S12

S14 | S13

CC

1920

From which.

A pinon, 10 ins. dia., bears S. 62° E., 24 lks. dist., marked CC T30S R5E S13 BT.

A red pine, 12 ins. dia., bears S. 30° W., 23 lks. dist., marked CC T30S R5E S14 BT.

Land, broken NE. slope of Lion Mountain.

Soil, shallow sandy loam, about 1 ft. deep, with white sandstone subsoil.

Drainage, NE. into Sulphur Wash on S. 13.70 chs., NW. on remainder of mile into Carcass Creek.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing on all of mile.

ESTIMATES, DEPARTURES AND CLOSING ERRORS.

Lines designated	True bearing	Dist-ances.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
West bdy.	North	462.25	462.25	.....	.....	.....
E. bdy. sec. 8	S. 83° 57' E.	72.58	.....	.53	72.58	.....
E. bdy. sec. 6	South	41.74	.....	41.74	.....	.....
E. bdy. sec. 6	S. 17° 30' E.	41.47	.....	59.55	12.47	.....
E. bdy. sec. 7	S. 67° 40' E.	36.89	1.56	.....	38.86	.....
E. bdy. sec. 4	S. 83° 52' E.	29.38	.....	.58	29.37	.....
E. bdy. sec. 4	S. 83° 50' E.	77.24	.....	.22	77.24	.....
E. bdy. sec. 3	S. 82° 51' E.	79.74	.....	.21	79.74	.....
E. bdy. sec. 11	S. 1° 27' W.	39.70	.....	39.69	.....	1.00
E. bdy. sec. 11	S. 0° 47' W.	39.30	.....	39.30	.....	.55
E. bdy. sec. 11	N. 89° 37' E.	79.02	.55	.....	72.02	.....
E. bdy. sec. 13	N. 33° 50' E.	20.60	17.11	.....	11.47	.....
E. bdy. sec. 13	S. 0° 19' W.	39.50	.....	39.50	.....	.22
E. bdy. sec. 13	S. 0° 41' W.	39.85	.....	39.85	.....	.48
E. bdy. sec. 24	S. 0° 37' W.	39.55	.....	39.55	.....	.45
E. bdy. sec. 24	S. 0° 21' W.	40.21	.....	40.21	.....	.24
E. bdy. sec. 25	S. 1° 33' W.	80.31	.....	80.28	.....	2.17
E. bdy. sec. 36	S. 0° 15' W.	39.81	.....	39.81	.....	.18
E. bdy. sec. 36	S. 0° 22' W.	39.83	.....	39.83	.....	.26
Stat. Bar. S. West		402.00	.....	.....	.....	402.00
Convergency		.....	.....	.....	.39	.....
Totals			481.47	481.45	408.14	407.53
Error in latitude and departure			481.45		407.53	0.61

GENERAL DESCRIPTION OF T. 30 S., R. 5 E.

The land embraced in this township, consists of the steep N. slope of the N. end of Boulder Mountain and is broken in places by outcroppings of granite and white sandstone ledges. The S. half of the township, consists of a steep N. slope, covered with a dense growth of aspen, cedar, pinon and red and yellow pine. The yellow pine timber gets as large as 3 ft. in dia., and is being sawed into lumber by a saw mill located in sec. 21. The N. half of the township is more rolling than the S. half and is covered

GENERAL DESCRIPTION OF T. 30 S., R. 5 E.

with a dense growth of cedar and pinon and scattering yellow pine timber.

The township is well supplied with water by Fish and Carcass Creeks, which flow in a north-easterly direction through the township. Both these streams are used for irrigation purposes on land in the town of Grover, located in the north portion of the township.

The soil in the S. portion of the township is a dark black loam but the slopes of this portion are so steep that no farming can be done. The N. portion is a shallow red sandy loam, ranging from 6 ins. to 1 ft. in depth and has a white sandstone subsoil.

The entire township is covered with a scattering growth of sagebrush and grass and is exceedingly good for grazing purposes during the summer months.

The only portion of the township which I survey being used for farming is the N. and W. half of sec. 6. Two small frame houses were found on these portions of the sec. but were unoccupied. Alfalfa, grain and potatoes were being raised by irrigation on this sec. There is good farming land located in secs. 8, 9, 10, 14, 15 and 16 and can be irrigated by water from Fish and Carcass Creeks but no portions of these secs. are farmed.

No settlers were on the portion of the township which I surveyed.

No magnetic declination was taken on account of defective needle.

The water locations in the township are as follows.

Fish Creek: N. and W.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$ , SE.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$  and the W.  $\frac{1}{2}$  of the NE.  $\frac{1}{4}$  of sec. 30, W.  $\frac{1}{2}$  and NE.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  and the E.  $\frac{1}{2}$  of the NE.  $\frac{1}{4}$  of sec. 19, NW.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$  of sec. 20, W.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$ , SW.  $\frac{1}{4}$  and E.  $\frac{1}{2}$  of the NW.  $\frac{1}{4}$  of sec. 17, E.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$ , NW.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  and the W.  $\frac{1}{2}$  of the NE.  $\frac{1}{4}$  of sec. 8.

## WATER LOCATIONS IN T. 30 S., R. 5 E.

Spring branch: NW.  $\frac{1}{4}$  of the SW.  $\frac{1}{4}$  and the NW.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$  of sec. 6.

Spring branch: W.  $\frac{1}{2}$  of the W.  $\frac{1}{2}$  of sec. 7 and the S.  $\frac{1}{2}$  of the SW.  $\frac{1}{2}$  sec. 6.

Spring branch: NW.  $\frac{1}{4}$  of the SW.  $\frac{1}{4}$ , S. and E.  $\frac{1}{2}$  of the NW.  $\frac{1}{4}$  and the NW.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  of sec. 19, S. and E.  $\frac{1}{2}$  of the SE.  $\frac{1}{4}$  sec. 18, and the NW.  $\frac{1}{4}$  of the SW.  $\frac{1}{4}$  of sec. 17.

Small lake: SE.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  of sec. 30.

Carcass Creek: NW.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  and the N. and W.  $\frac{1}{2}$  of the NE.  $\frac{1}{2}$  of sec. 30, SE.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  of sec. 19, N. and W.  $\frac{1}{2}$  of the SW.  $\frac{1}{2}$ , SE.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$  and the S.  $\frac{1}{2}$  of the NE.  $\frac{1}{4}$  of sec. 20, S.  $\frac{1}{2}$  of the N.  $\frac{1}{2}$  of sec. 21, W.  $\frac{1}{2}$  of the NW.  $\frac{1}{4}$  of sec. 22, S. and E.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$ , NW.  $\frac{1}{4}$  of the SE.  $\frac{1}{2}$  and the S. and E.  $\frac{1}{2}$  of the NE.  $\frac{1}{4}$  sec. 15, SE.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  of sec. 10.

Branch of Carcass Creek: SE.  $\frac{1}{4}$  of the SE.  $\frac{1}{4}$  of sec. 30, W.  $\frac{1}{2}$  of the W.  $\frac{1}{2}$  of sec. 29 and the W.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$  of sec. 20.

Stream in Wide Hollow: W.  $\frac{1}{2}$  of the W.  $\frac{1}{2}$  of sec. 33, W.  $\frac{1}{2}$  of sec. 28, E.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$ , SE.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$  and the SW.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  of sec. 21.

Rock Creek: E.  $\frac{1}{2}$  of the SE.  $\frac{1}{4}$ , and the S.  $\frac{1}{2}$  and NW.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  sec. 33, SW.  $\frac{1}{2}$  and N.  $\frac{1}{2}$  of the SE.  $\frac{1}{4}$  of sec. 28, NW.  $\frac{1}{4}$  of the SW.  $\frac{1}{4}$  and the W.  $\frac{1}{2}$  of the NW.  $\frac{1}{4}$  of sec. 27.

Spring branch: NW.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$  of sec. 34, W.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$ , and the SW.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$  of sec. 27.

Single Tree Creek: SE.  $\frac{1}{4}$  of the SW.  $\frac{1}{4}$ , N.  $\frac{1}{2}$  of the SE.  $\frac{1}{4}$  and the SE.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  of sec. 34, SW.  $\frac{1}{4}$  of the NW.  $\frac{1}{4}$ , N.  $\frac{1}{2}$  of the N.  $\frac{1}{2}$  and the SE.  $\frac{1}{4}$  of the NE.  $\frac{1}{4}$  of sec. 35 and the S.  $\frac{1}{2}$  of the N.  $\frac{1}{2}$  of sec. 36.

Chokecherry Creek: SE.  $\frac{1}{2}$  of the SE.  $\frac{1}{4}$  of sec. 35 and the S.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of sec. 36.

Spring branch: SE.  $\frac{1}{4}$  of the SW.  $\frac{1}{4}$ , W. and N.  $\frac{1}{2}$  of the SE.  $\frac{1}{4}$  of sec. 35 and the N.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of sec. 36.

*Ernest A. Bird*  
U.S. Transitman.

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Verdin John	1st chairman
Amos Dellin	2nd chairman
Carter Dutton	Flagman
Othell Bird	Cornerman
Bertrum Dellin	Axeman

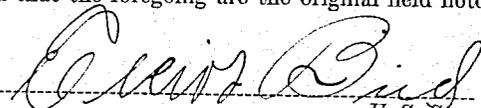
TRANSITMAN.  
CERTIFICATE OF UNITED STATES SURVEYOR.

I, Elliot Bird, <sup>Transitman</sup> ~~Surveyor~~, U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 16th day of January, 1919, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Sixth Standard Parallel South through Range 5 East, east boundary, north boundary, west boundary and subdivision of T. 30 S., R. 5 E.,

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Dated; Salt Lake City, Utah.

This 5th day of February 1921.

  
U. S. Surveyor  
Transitman.

APPROVAL.

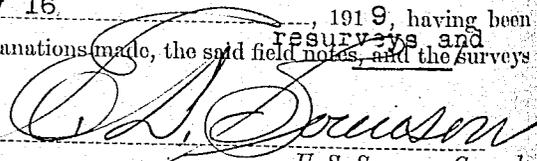
OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Oct. 27, 1921.

The foregoing field notes of the survey of the Sixth Standard Parallel South through Range No. 5 East; resurvey of portions of the east and north boundaries; resurvey and survey of the west boundary or First Guide Meridian East; and resurvey and survey of a portion of the subdivisional lines of Township No. 30 South, Range No. 5 East of the Salt Lake Base and Meridian, Utah;

executed by Elliot Bird

under his special instructions dated January 16, 1919, having been critically examined, and the necessary corrections and explanations made, the said field notes, <sup>resurveys and</sup> and the surveys they describe, are hereby approved.

  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

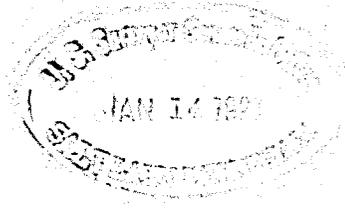
U. S. Surveyor General.

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BOOK A-449

D.

# FIELD NOTES

OF THE SURVEY OF THE

RESURVEY OF PORTIONS OF THE WEST BOUNDARY AND SUBDIVISION

AND

SURVEY OF PORTIONS

OF THE

NORTH, SOUTH, AND WEST BOUNDARIES

AND

SUBDIVISION

TOWNSHIP NO. 29 SOUTH, RANGE NO. 6 EAST

Of the SALT LAKE BASE AND Meridian,

of the State of U T A H

EXECUTED BY

ELLIOT BIRD

Transitman  
in the capacity of U. S. Surveyor, under Special Instructions dated January 16, 1919  
issued by the United States Surveyor General to govern surveys included in Group  
76, which were approved by the Commissioner of the General Land  
Office, February 15, 1919, and Assignment Instructions dated Nov. 5, 1919  
and Supplemental Assignment of Instructions dated May 3, 1920.

Survey commenced November 16, 1919

Survey completed July 20, 1920

Plat      Notes  
 F.B.J.    F.B.J.  
 K.F.B.  
 Comparing  
 V.I.F.  
 Plat      Notes  
 H.R.M.A. V.I.F.

BOOK A-449

# INDEX DIAGRAM.

Township 29 South, Range 6 East  
 35

17	6 48	49	5 66	4	3	2	1
14	7 45	47	8 62	64 63	9	10	11 12
12	18 43	44	17 57	60 59	16 20 26	15	14 13
10	19 41	42	20 54	55 72	21 20 25	22	23 24
7	30 38	39	29 52	53 69	28 71	27	19 21 26 25
4	31 29	36	32 31	50 32	33 67	34	19 20 35 36

BOOK A-449

4-679 b

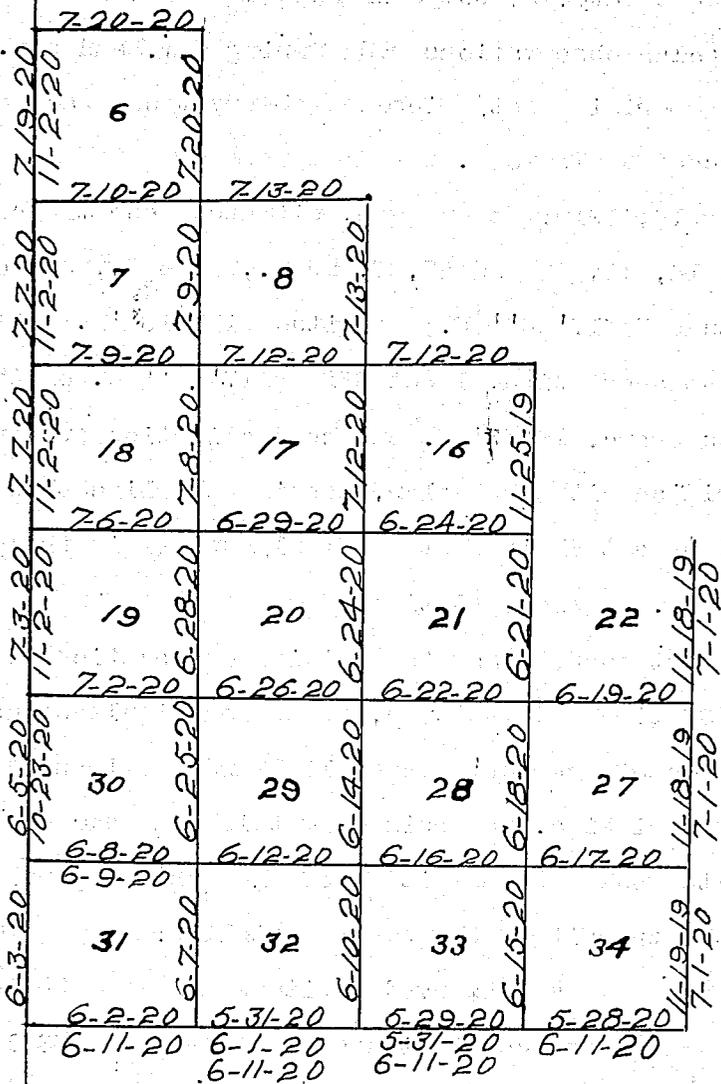
INDEX DIAGRAM.

Township 29 S, Range 6 E

<del>239</del>									
221	6	<del>243</del>		4		8		2	1
<del>242</del>		<del>270</del>							
<del>218</del>	7	<del>251</del>	8	<del>268</del>	9		10	11	12
<del>249</del>		<del>266</del>		<del>267</del>					
26	18	248	17	264	16	<del>230</del> <del>234</del>	15	14	13
<del>247</del>		<del>261</del>		<del>263</del>					
244	19	246	20	259	21	229	22	23	24
<del>245</del>		<del>258</del>		<del>276</del>		<del>224</del>	<del>227</del>	<del>223</del>	
211	30	243	29	257	28	275	27	225	25
<del>208</del>		<del>242</del>		<del>256</del>		<del>273</del>		<del>274</del>	
<del>208</del>	31	240	32	254	33	271	34	223	35
<del>208</del>		<del>235</del>		<del>235</del>		<del>236</del>		<del>238</del>	
<del>235</del>		<del>235</del>		<del>235</del>		<del>236</del>		<del>238</del>	

T. 29 S., R. 6 E.

DATE DIAGRAM



Survey commenced November 16, 1919 and executed with Young and Sons light mountain transit No. 8531. Instrument is equipt with Smith Solar attachment and full vertical circle. The horizontal limb is provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests, in assignment instructions dated November 5, 1919.

I examine the adjustments of the instrument and correct the level and collimation errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polar I proceed as follows.

November 16, 1919: At my camp, situated near the cor. of secs. 14, 15, 22 and 23, T. 29 S., R. 6 E., approximate latitude  $38^{\circ}17'30''$  N.; longitude  $111^{\circ}16'W.$ ; at 9h. On a.m. apparent time, I set off  $38^{\circ}17'30''$  N. on the latitude arc,  $18^{\circ}34'$  S. on the declination arc and determine a meridian with the solar, marking the line thus determined by a tack in a stake firmly driven in the ground 7.00 chs. N. of my station.

At apparent noon, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude	$33^{\circ}06'30''$
Reduced latitude	$38^{\circ}17'30''$
Mean watch time of observation	12h 06m
Watch fast of local mean time	21m

At apparent noon with instrument in the meridian and with  $38^{\circ}17'30''$  N. on the latitude arc set off, I find that the declination arc reading to be  $18^{\circ}36'$  S.

At 3h p.m. apparent time I set off  $38^{\circ}17'30''$  N. on the latitude arc and  $18^{\circ}37'00''$  S. on the declination arc and determine a meridian with the solar. This meridian bears  $30''$  to the east of the a.m. solar meridian.

T. 29 S., R. 6 E.

November 17, 1919: At 3h 47.4m a.m. l. m. t., I observe Polaris at western elongation with telescope in direct and reversed positions and mark the line thus determined by a tack in a stake driven firmly in the ground, 7.00 chs. N. of my station.

At 9h 0m a.m., I lay off the azimuth of Polaris, which is  $1^{\circ}25'30''$  to the east and mark the meridian thus determined by a tack in a stake firmly driven in the ground 7.00 chs. N. of my station. Meridian thus determined does not vary more than  $30''$  of arc from the mean of the a.m. and p.m. solar meridians, I therefore conclude that the transit is in good adjustment.

Work was discontinued on this township, November 26, 1919, and commenced again, May 23, 1920, same transit being used as that during the previous year. I again test instrument on same Polaris meridian as recorded above as follows.

I examine the adjustments of the instrument and correct the level and collimation errors, then, to test the solar apparatus by comparing its indication resulting from solar observations made during a.m. and p.m. hours with meridian determined by observations on Polaris as recorded above, I proceed as follows.

May 23, 1920: At 9h 0m a.m. by my watch which was found to be 5m fast of local mean time by comparing it with a Western Union Telegraph clock at Salina, Utah, on May 15, 1920, I set off  $20^{\circ}37'$  N. on the declination arc,  $38^{\circ}17'30''$  N. on the latitude arc and determine a meridian with the solar. This meridian bears less than  $1''$  to the west of the meridian determined by observations on Polaris.

At apparent noon with instrument in the Polaris meridian and  $38^{\circ}17'30''$  N. set off on the latitude arc, I find the declination arc reading to be  $20^{\circ}38'$  N.

At 3h 0m l.m.t., I set off  $38^{\circ}17'30''$  on the latitude arc,  $20^{\circ}40'$  N. on the declination arc and determine a

## RESURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

meridian with the solar. Meridian thus determined bears less than 30' to the west of the meridian determined by observations on Polaris.

The instrument by a.m. and p.m. observations define positions for meridians that do not vary more than 1' of arc from the Polaris meridian, I therefore conclude that the instrument is in good adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, frequent tests being made on a meridian determined by observations on Polaris.

## MEASUREMENTS

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains in length compared with a Lufkin standard steel tape 1 chain long and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

From the cor. of Ts. 29 and 30 S., R. 6 E., hereinafter described.

North, on a retracement line along the W. bdy. of sec. 31.

3.12 The cor. of Ts. 29 and 30 S., R. 5 E., hereinafter described

42.71 Intersect the  $\frac{1}{4}$  sec. cor. hereinafter described.

82.71 Find no trace of old sec. cor.

122.71 Find no trace of old  $\frac{1}{4}$  sec. cor.

North, on a resurvey line along the W. bdy. of sec. 31. from Cor. of Tps. 29 and 30 S. R. 6 E. Descend gradually over broken mountainous land, through dense growth of cedar and pinon timber and scattering undergrowth of shadscale.

2.60 Small gulch, 40 ft. below cor., course N. 20° E.; ascend.

3.12 On W. bank of gulch, 15 ft. above bottom; the cor. of Ts. 29 and 30 S., Rs. 5 and 6 E., which is a hard white

RESURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

sandstone, 24 x 12 x 10 inches above ground, firmly set, and marked and witnessed as described by the surveyor general. I destroy all marks on cor. that pertain to R. 6 E., and efface marks on bearing trees to the east and reestablish cor. for R. 5 E. as follows. Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in a mound of stone, alongside old cor., for the cor. of Ts. 29 and 30 S., R. 5 E. only, with a brass cap marked.

T29S	T29S
R5E	R6E
S 36	S 31
S 1	
T30S	

1920

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

No suitable bearing trees available.

- 6.70 Point of spur, 20 ft. above cor., projects N. 18° E.; descend abruptly.
- 12.70 Gulch, 240 ft. below point of spur; course N. 34° W.; ascend abruptly.
- 18.10 Point of spur, 215 ft. above gulch; projects N. 79° E.; descend abruptly.
- 27.10 Same gulch, 250 ft. below point of spur, course NE.; ascend abruptly.
- 35.50 Ridge, 310 ft. above gulch, bears N. 30° E. and S. 30° W.; thence over rolling top of ridge.
- 40.00 On rolling top of ridge, northing of 40,00 chs. from the cor. of Ts. 29 and 30 S., R. 6 E.  
Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock, and 20 ins. in a mound of stone, for ¼ sec. cor. W. bdy. sec. 31, with brass cap marked.

¼ S 31

1920

From which

RESURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

A pinon, 14 ins. dia., bears N. 37° E., 36 lks. dist., marked 1/4 S31 BT.

A pinon, 18 ins. dia., bears S. 62° E., 27 lks. dist., marked 1/4 S31 BT.

42.71 On rolling top of ridge, the 1/4 sec. cor., which is a hard white sandstone, 30 x 18 x 10 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general. I efface the marks on the bearing trees to the east and reestablish cor. as follows. Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground and 10 ins. in a mound of stone, alongside old cor., for 1/4 sec. cor. E. bdy. of sec. 36 only, with a brass cap marked.

1/4 S. 36

1920

From which

A pinon, 10 ins. dia., bears N. 2° W., 31 lks. dist., marked 1/4 S36 BT.

A pinon, 8 ins. dia., bears S. 57° W., 42 lks. dist., marked 1/4 S36 BT.

49.10 Begin abrupt descent from rolling top of ridge, bears E. and W.

66.20 Ravine, 400 ft. below top of ridge, drains NE.; ascend abruptly over broken sandstone ledges.

77.10 Top of ridge, 230 ft. above ravine, bears N. 35° E. and S. 80° W.: thence descend abruptly over broken sandstone ledges.

80.00 On steep W. slope of ridge, 150 ft. below top, northing of 40.00 chs. from the 1/4 sec. cor. for sec. 31. Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 30 and 31 only, with a brass cap marked

T29S | T29S  
R5E | R6E  
S30

S36 | S31

1920

RESURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

From which

A pinon, 8 ins. dia., bears N. 20° E., 116 lks. dist., marked T29S R6E S30 BT.

A pinon, 12 ins. dia., bears S. 44° E., 63 lks. dist., marked T29S R6E S31 BT.

Land, rough and mountainous; broken by deep gulches and sandstone ledges.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE. into the Fremont River.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair grazing on all of mile.

North, on a resurvey line along the W. bdy. sec. 30.

Descend gradually over broken mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.

2.71 On steep W. slope, northing of 40.00 chs. from the 1/4 sec. cor. sec. 36.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 25 and 36 only, with a brass cap marked

T29S	T29S
R5E	R6E
S25	S30
S36	

1920

From which

A pinon, 12 ins. dia., bears S. 4°30' W., 92 lks. dist., marked T29S R5E S36 BT.

A pinon, 14 ins. dia., bears N. 79° W., 27 lks. dist., marked T29S R5E S25 BT.

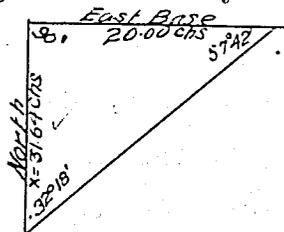
22.71 South breaks of the Fremont River, 170 ft. below cor. secs.

30 and 31, bears E. and W.: It being impossible to chain across river on account of perpendicular sandstone ledges, I determine the distance by triangulation as

RESURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

follows: Erect a flag at this point and one on line N. at top of breaks of river. From latter flag, run a base line E., 20.00 chs. dist., From this point, flag at top of breaks on S. side of river, subtends an angle of 57°42'. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation 31.64 chs.  
 Total distance on line 54.35 chs.

Approximate topography between points of triangulation.

38.50 Fremont River, stream of good clear water, 60 lks. wide, 12 ins. deep, course E., in bottom of canyon, 890 ft.

40.00 below top of S. breaks. Point for  $\frac{1}{4}$  sec. cor. sec. 30, cor. not set.

42.71 Point for  $\frac{1}{4}$  sec. cor. <sup>sec. 25</sup> falls on perpendicular sandstone ledges, no cor. set.

54.35 To point of triangulation on top of N. breaks of Fremont River, 580 ft. above bottom of canyon, bears E. and W. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. Sec. 25 and for witness cor. to  $\frac{1}{4}$  sec. cor. Sec. 30, with brass cap mkd.

$\frac{1}{4}$   
 S25 | S30  
 WC  
 1920

Raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor. No suitable bearing trees available.

Thence, ascend abruptly over broken sandstone ledges.

62.78 At top of steep ascent, on S. edge of sandstone ledge, 40 ft. high and 240 ft. above the witness  $\frac{1}{4}$  sec. cor. bears N. and E.; point where line E. from the cor. of secs. 25 and 26, T. 29 S., R. 5 E., intersects boundary. Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the

SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

ground to solid rock, and 18 ins. in a mound of stone,  
for cor. secs. 24 and 25 only, with brass cap marked.

T29S	T29S
R5E	R6E
S24	
S25	S30

1920

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of  
cor.

No suitable bearing trees available.

Thence, at intervals of 40.00 chs. and 80.00 chs. N., set  
cors. for T. 29 S., R. 5 E.

65.00 Begin gradual descent, bears E. and W.

80.00 On gentle W. slope, 75 ft. below cor. secs. 24 and 25.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the  
ground to solid rock, and 12 ins. in a mound of stone,  
for cor. secs. 19 and 30 only, with brass cap marked.

T29S	T29S
R5E	R6E
S24	S19
	S30

1920

From which

A pinon, 10 ins. dia., bears N.  $49^\circ$  E., 31 lks.  
dist., marked T29S R6E S19 BT.

A pinon, 9 ins. dia., bears S.  $67^\circ$  E., 34 lks.  
dist., marked T29S R6E S30 BT.

From this cor., old cor. which I destroy, bears N.  $44^\circ$  E.,  
3.13 chs. dist.

Land, mountainous and broken by breaks of Fremont River.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, E. by Fremont River.

Timber, dense cedar and pinon.

Undergrowth, scattering shadscale.

Fair grazing on all of mile.

## SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

## CHAINS

North, along W. bdy. of sec. 19.

Descend gradually over broken mountainous land, through dense growth of cedar and pinon timber, and scattering undergrowth of shadscale.

5.30 Wash, 30 lks. wide, 2 ft. deep, 45 ft. below cor., drains S. 15° W.; ascend abruptly over broken sandstone ledges

12.00 Spur, 60 ft. above wash, projects N. 82° W.; descend gradual N. slope.

22.78 On gentle N. slope, 75 ft. below top of spur; northing of 40.00 chs. from the cor. of secs. 24 and 25.

Set and iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock, and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor. E. bdy. sec. 24 only, with brass cap marked

$\frac{1}{4}$ S24

1920

From which

A pinon, 10 ins. dia., bears S. 18°30' W., 34 lks. dist., marked  $\frac{1}{4}$  S24 BT.

A pinon, 6 ins. dia., bears N. 38° W., 10 lks. dist., marked  $\frac{1}{4}$  S24 BT.

34.90 Gulch, 100 ft. below  $\frac{1}{4}$  sec. cor., course N. 80° W., ascend abruptly.

39.70 Top of spur, 105 ft. above gulch, projects W.; descend gradually.

40.00 On gentle N. slope of spur, 10 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock, and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. W. bdy. sec. 19 only, with brass cap marked

$\frac{1}{4}$ S19

1920

From which

A pinon, 8 ins. dia., bears N. 46° E., 58 lks.

SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

dist., marked  $\frac{1}{2}$  S19 ET.

A pinon, 10 ins. dia., bears S.  $41^\circ$  E., 34 lks.

dist., marked  $\frac{1}{2}$  S19 BT.

From this cor., old  $\frac{1}{2}$  sec. cor. which I destroy, bears N.  $54^\circ$  E., 3.45 chs. dist.

45.10 Head of gulch, 45 ft. below the  $\frac{1}{2}$  sec. cor., course N.  $70^\circ$  W.; ascend gradually.

54.90 Ridge, 50 ft. above head of gulch, bears N.  $80^\circ$  W. and S.  $80^\circ$  E.; descend abrupt N. slope.

62.78 On steep N. slope, 75 ft. below top of ridge, on solid rock.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 13 and 24 only, with brass cap marked

T29S	T29S
R5E	R6E
S13	
S24	S19

1920

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

No suitable bearing trees available.

Thence, slope becomes more abrupt.

80.00 At foot of abrupt N. slope, 210 ft. below cor. secs. 13 and 24, bears E. and W.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to solid rock, and 12 ins. in a mound of stone, for cor. secs. 18 and 19 only, with brass cap marked

T29S	T29S
R5E	R6E
S13	S18
	S19

1920

From which

A pinon, 8 ins. dia., bears N.  $63^\circ$  E., 120 lks.

dist., marked T29S R6E S18 BT.

A pinon, 6 ins. dia., bears S.  $12^\circ$  E., 50 lks.

dist., marked T29S R6E S19 BT.

SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

From this cor., old secs cor. which I destroy, bears  
 N. 56° E., 3.65 chs. dist.  
 Land, rough and mountainous, broken by sandstone ledges.  
 Soil, shallow red sandy loam, mixed with loose sandstone.  
 Drainage, N. 70° W. into fork of Sulphur Creek.  
 Timber, dense cedar and pinon.  
 Undergrowth, scattering shadscale.  
 Fair grazing on all of mile.

North, along the W. bdy. of sec. 18.  
 Descend gradually over rolling mountainous land, through  
 dense growth of cedar and pinon timber, and scattering  
 undergrowth of shadscale.

3.70 One-wire telephone line, from Torrey, Ut. to Fruita, Ut.,  
 bears N. 82° W. and S. 82° E.

3.90 Gulch, 30 ft. below cor., course S. 70° E.; ascend gentle  
 SW. slope of spur.

10.00 Point of spur, 15 ft. above gulch, projects W.; descend  
 gradually.

11.00 Enter level bench land, 20 ft. below top of spur, bears  
 E. and W., timber becomes scattering, bears E. and W.

22.78 On level bench land; northing of 40.00 chs. from cor. secs.  
 13 and 24.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
 ground; for  $\frac{1}{4}$  sec. cor. E. bdy. sec. 13 only, with  
 brass cap marked

$\frac{1}{4}$ S13  
 1920

Raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.  
 No suitable bearing trees available.

40.00 On level bench land.  
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. W. bdy. sec. 18 only, with  
 brass cap marked

SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

1  
|  
1/4 S18

1920

From which

A pinon pine, 10 ins. dia., bears N. 78°30' E.,  
601 lks. dist., marked 1/4 S18 BT.

No other suitable bearing tree available.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.  
From this cor., old 1/4 sec. cor., which I destroy, bears  
N. 58° E., 3.84 chs. dist.

43.00 Leave level bench land, bears E. and W., enter rolling  
hills, bears E. and W.; ascend gradually.

46.40 Low spur, 40 ft. above level bench, projects N. 70° W.;  
descend gradually.

51.10 Draw, 45 ft. below spur, drains W.; ascend gradually;  
timber becomes dense, bears E. and W.

62.78 On rolling W. slope, 25 ft. above draw; 40.00 chs. north-  
ing from the 1/4 sec. cor. for sec. 13.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the  
ground, for cor. secs. 12 and 13 only, with a brass cap  
marked

T29S	T29S
R5E	R6E
S12	
S13	S18

1920.

From which

A pinon, 10 ins. dia., bears S. 32° W., 172 lks.  
dist., marked T29S R5E S13 BT.

A pinon, 8 ins. dia., bears N. 69° W., 46 lks.  
dist., marked T29S R5E S13 BT.

63.10 Wash, 30 lks. wide, 2 ft. deep, drains W.

78.50 Spur, 30 ft. above cor., projects N. 70° W.; descend  
gradually over broken sandstone.

80.00 On gentle N. slope, 45 ft. below spur, on solid sandstone.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a  
mound of stone, for cor. secs. 7 and 18 only, with a  
brass cap marked.

## SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

T29S	T29S
R5E	R6E
S12	S7
	S18
	1920

From which

A pinon, 10 ins. dia., bears N.  $27^{\circ}30'$  E., 45 lks. dist., marked T29S R6E S7 BT.

A pinon, 10 ins. dia., bears S.  $27^{\circ}30'$  E., 175 lks. dist., marked T29S R6E S18 BT.

From this cor., old sec. cor. which I destroy, bears N.  $59^{\circ}20'$  E., 4.10 chs. dist.

Land, rolling hills on S. and N. portions, level bench land remainder of mile.

Shallow red sandy loam soil on rolling hills, deep white clay on bench land.

Drainage, S.  $70^{\circ}$  W. into Sulphur Creek.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon on S. and N. portions of mile, scattering cedar and pinon remainder of mile.

Fair grazing on all of mile.

North, along the W. bdy. of sec. 7.

Descend gradually over broken sandstone ledges, through dense growth of cedar and pinon timber and scattering undergrowth of shadscale.

22.78 On gentle NE. slope, at foot of sandstone ledge, 15 ft. high, bears N. and S., 75 ft. below sec. cor.; northing of 40.00 chs. from the cor. secs. 12 and 13.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock, and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 12 only, with a brass cap marked

$\frac{1}{4}$ S12
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1920

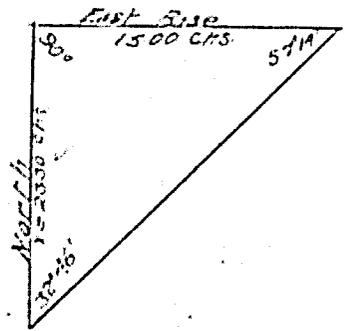
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor

No suitable bearing trees available. I return to

SURVEY OF THE WEST BDY. OF T. 29 S., R. 6 E.

CHAINS

19.20 Top of breaks on the S. side of Sulphur Creek, 20 ft. below the  $\frac{1}{4}$  sec. cor., bears E. and W.: Perpendicular sandstone ledges on each side of Sulphur Creek make chaining impracticable, I therefore determine the distance by triangulation as follows: Set a flag at this point and one on line N. at top of breaks on the N. side of creek: From this point, run a base line E., 15.00 chs. dist. From this point, flag at top of breaks on S. side creek, subtends an angle of  $57^{\circ}14'$ . All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation 23.30 chs.

Total distance on line 42.50 chs.

Approximate topography between points of triangulation.

38.00 Sulphur Creek, a stream of muddy alkali water, 10 lks. wide, 3 ins. deep, in bottom of box canyon with perpendicular sandstone sides, 480 ft. below top of breaks, drains E.

40.00 Falls on perpendicular sandstone ledges which form the N. side of breaks of Sulphur Creek, no cor. set.

42.50 To point of triangulation at top of breaks, 500 ft. above Sulphur Creek, bears E. and W., on solid sandstone. Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. sec. 7 only, with brass cap marked.

187  
WC  
1920

From which

A pinon, 8 ins. dia., bears N.  $15^{\circ}$  E., 104 lks. dist., marked WC  $\frac{1}{4}$  S7 ET.

SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

No other bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
From this cor., old ¼ sec. cor. which I destroy, bears  
E., 3.60 chs. dist.; thence descend gradually.

62.78 On gentle N. slope, 65 ft. below the ¼ sec. cor.; north  
of 40.00 chs. from the ¼ sec. cor. 1 sec. 12.

Set an iron post, 3 ft. long, 2 in. dia., 14 ins. in the  
ground to solid rock and 10 ins. in a mound of stone,  
for cor. secs. 1 and 12 only, with a brass cap marked

T29S	T29S
R5E	R6E
S1	

S12	S7
-----	----

1920

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
No suitable bearing trees available.

62.90 Draw, 20 ft. below cor. secs. 1 and 12, drains NE.;  
ascend abruptly.

69.40 Red sandstone spur, 75 ft. above draw, projects E.; descend  
abruptly.

75.80 At foot of abrupt descent, bears E. and W., small draw  
drains N. 40° E.; thence over rolling land.

80.00 On gentle N. slope, 20 ft. below foot of abrupt descent.  
Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the  
ground to solid rock and 12 ins. in a mound of stone,  
for cor. secs. 6 and 7 only, with a brass cap marked

T29S	T29S
R5E	R6E
S1	S6

S7
----

1920.

from which

A pinon, 6 ins. dia., bears N. 75° E., 110 lks.  
dist., marked T29S R6E S6 BT.

A pinon, 8 ins. dia., bears S. 68° E., 60 lks.  
dist., marked T29S R6E S7 BT.

From this cor., old sec. cor. which I destroy, bears  
N. 59°30' E., 4.08 chs. dist.

SURVEY OF THE WEST BOUNDARY OF T. 22 S., R. 6 E.

CHAINS

Land, broken by the breaks of Sulphur Creek on S. half, rolling hills on N. half.

Soil, shallow red sandy loam mixed with loose sandstone and trachyte boulders.

Drainage, E., by Sulphur Creek.

Timber, dense cedar and pinon.

Undergrowth, scattering shadscale.

Fair grazing on all of mile.

North, along the W. bdy, sec. 6.

Descend gradually over broken land, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

11.30 Point of spur, 45 ft. above cor., projects E.; descend gradually.

16.20 Gulch, 70 ft. below point of spur, drains E.; ascend gradually.

22.78 On gentle S. slope, 10 ft. above gulch, northing of 40.00 chs. from the cor. secs. 1 and 12.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 1 only, with a brass cap marked.

$\frac{1}{4}$  S1

1920.

From which,

A pinon, 8 ins. dia., bears S. 30° W., 14 lks. dist., marked  $\frac{1}{4}$  S1 BT.

A pinon, 8 ins. dia., bears N. 21° W., 30 lks. dist., marked  $\frac{1}{4}$  S1 BT.

28.10 Ridge, 65 ft. above the  $\frac{1}{4}$  sec. cor., bears NW. and SE.; descend gradually.

30.90 Road from Torrey to Fruita, bears N. 70° E. and S. 70° W., in bottom of gulch, 70 ft. below ridge, drains N. 70° E.; ascend gradually.

SURVEY OF THE WEST BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

32.60 Red sandstone spur, 60 ft. above gulch, projects W.; continue ascent.

40.00 On gentle S. slope, 45 ft. above spur. Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, for 1/2 sec. cor. sec. 6 only, with a brass cap marked.

1920

From which A pinon, 9 ins. dia., bears N. 41° E., 84 lks.

dist., marked 1/4 S6 BT.

A pinon, 10 ins. dia., bears S. 48° 45' E., 255 lks

dist., marked 1/4 S6 BT.

From this cor., old 1/2 sec. cor. which I destroy, bears N. 62° 10' E., 3.50 chs.

45.60 Foot of abrupt ascent, 65 ft. above the 1/2 sec. cor., bears E. and W., leave timber, bears E. and W.

64.34 On steep S. slope, 260 ft. above foot of steep ascent.

Intersect line from W., 247.62 chs. E. of the cor. secs. 4, 5, 32 and 33. At point of intersection.

Set an iron post, 3 ft. long, 3 ins. dia., 4 ins. in the ground to solid rock and 20 ins. in a mound of stone, closing for cor. of T. 29 S., Rs. 5 and 6 E., only, with a brass cap marked.

T28S R5E S36

S1 S6 R5E R6E

T29S

CC

1920

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Land, broken by outcroppings of sandstone.

Soil, shallow red sandy loam mixed with loose sandstone rock.

Drainage, E., into fork of Sulphur Creek.

Timber, scattering cedar and pinon on S. portion of mile.

Undergrowth of scattering shadscale. Fair grazing

RETRACEMENT OF SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

From the cor. secs. 2, 3, 34 and 35, on the S. bdy. of the township, hereinafter described.

N.  $0^{\circ}01'$  W., on a retracement line bet. secs. 34 and 35.

38.10 Fall 7 lks. E. of the witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 34 and 35, hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is N.  $0^{\circ}07'$  W., and the distance is 38.10 chs.

N.  $0^{\circ}01'$  W., on same line with continuous measurement.

80.40 Fall 14 lks. E. of the cor. secs. 26, 27, 34 and 35, hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is N.  $0^{\circ}07'$  W., and the distance is 42.30 chs.

From the cor. secs. 26, 27, 34 and 35.

N.  $0^{\circ}01'$  W., on a retracement line bet. secs. 26 and 27.

40.63 Fall 9 lks. E. of the  $\frac{1}{4}$  sec. cor. secs. 26 and 27, hereinafter described.

The bearing of this  $\frac{1}{2}$  mile is N.  $0^{\circ}09'$  W., and the distance is 40.63 chs.

N.  $0^{\circ}01'$  W., on same line with continuous measurement.

80.00 Find no trace of the cor. secs. 22, 23, 26 and 27, left flag point.

N.  $0^{\circ}01'$  W., on same line with continuous measurement.

20.30 Fall 31 lks. E. of the  $\frac{1}{4}$  sec. cor. secs. 22 and 23, which is a sandstone, 10 x 10 x 10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

The bearing of the N.  $\frac{1}{2}$  mile bet. secs. 26 and 27 and the E.  $\frac{1}{2}$  mile bet. secs. 22 and 23, is N.  $0^{\circ}10'$  W., and the distance is 72.67 chs. I return to the flag point left at point for cor. secs. 22, 23, 26 and 27, and erect it at a point, midway bet. the  $\frac{1}{4}$  sec. cor. secs. 26 and 27 and the  $\frac{1}{4}$  sec. cor. secs. 22 and 23.

From the point left at cor. secs. 22, 23, 26 and 27, West, on a retracement line bet. secs. 22 and 27.

RETRACEMENT OF SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

40.00 Find no trace of the 1/4 sec. cor. secs. 22 and 27, left flag point.

West, on same line with continuous measurement.

80.00 Find no trace of cor. secs. 21, 22, 27 and 28, left flag point.

From the flag point left at cor. secs. 21, 22, 27 and 28. N. 0°02' W., on a retracement line bet. secs. 21 and 22.

40.00 Find no trace of the 1/4 sec. cor. secs. 21 and 22, left flag point.

N. 0°02' W., on same line with continuous measurement.

80.00 Intersect the cor. secs. 15, 16, 21 and 22, hereinafter described.

From the cor. secs. 15, 16, 21 and 22. N. 0°02' W., on a retracement line bet. secs. 15 and 16.

40.00 Find no trace of the 1/4 sec. cor. secs. 15 and 16, left flag point.

71.00 Fall 24 lks. W. of the witness cor. to the cor. secs. 9, 10, 15 and 16, hereinafter described.

80.00 Fall 24 lks. W. of the cor. secs. 9, 10, 15 and 16, hereinafter described.

The bearing of the S. 71.00 chs. is N. 0°10' E., and the bearing of the N. 9.00 chs. is N. 0°02' W.

RESURVEY OF SUBDIVISION OF T. 29 S., R. 6 E.

From the cor. secs. 2, 3, 34 and 35, on the S. bdy. of the township, hereinafter described.

N. 0°07' W., on a resurvey line, bet. secs. 34 and 35.

Ascend gradually over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.

2.70 Spur, 50 ft. above cor., projects W.; descend gradually.

5.70 S. rim. of deep gulch, bears E. and W.; descend abruptly

RESURVEY OF SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS		
	over broken sandstone ledges.	
11.90	Bottom of deep gulch, 300 ft. below S. rim of gulch, drains N. 80° E.; ascend abruptly over broken sandstone ledges.	
20.50	North rim of gulch, 275 ft. above bottom, bears E. and W.; thence, over rolling mesa top.	
38.10	On brink of S. rim of deep gulch, the witness cor. to the $\frac{1}{4}$ sec. cor. secs. 34 and 35, which is a sandstone, 12 x 10 x 18 ins. above a mound of stone, firmly set, marked and witnessed as described by the surveyor general.	
40.20	True point for $\frac{1}{4}$ sec. cor. ; cor. not set.	
42.90	Bottom of deep gulch, 250 ft. below the witness $\frac{1}{4}$ sec. cor., drains N. 25° E.; ascend abruptly.	
47.70	Top of N. rim of gulch, 245 ft. above bottom, bears NE. and SW.; thence, over rolling land.	
75.00	Gulch, 50 ft. below N. rim, drains N. 20° E.; ascend gradually.	
80.40	The cor. secs. 26, 27, 34 and 35, which is a sandstone, 14 x 10 x 18 ins. above a mound of stone, firmly set, marked and witnessed as described by the surveyor general.	
	Land, rough and mountainous, broken by deep gulches.	
	Soil, shallow red sandy loam, mixed with loose sandstone.	
	Drainage, N. 20° E., into the Fremont River.	
	Undergrowth, scattering shadscale,	
	Timber, dense cedar and pinon.	
	Fair grazing on all of mile.	
	From the cor. secs. 26, 27, 34 and 35.	
	N. 0°02' W., on a resurvey line bet. secs. 26 and 27.	
	Ascend gradually over broken mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.	
14.60	Spur, 100 ft. above cor., projects E.; descend abruptly.	
18.80	Bottom of deep gulch, 180 ft. below spur, drains N. 70° E.; ascend abruptly.	
25.25	Ridge, 200 ft. above gulch, bears E. and W.; descend abruptly.	

## RESURVEY OF SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS	
36.00	Gulch, 200 ft. below ridge, drains E.; ascend abruptly.
38.00	Top of sandstone point, 40 ft. above gulch, projects E.; descend gradually.
40.23	On gentle N. slope, 12 ft. below sandstone point; point midway bet. the cor. secs. 22, 23, 26 and 27 and the cor. secs. 26, 27, 34 and 35.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 27 only, with a brass cap marked.
	S27
	1920
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available.
40.63	The $\frac{1}{4}$ sec. cor. secs. 26 and 27, which is a sandstone, 10 x 12 x 15 ins. above mound of stone, firmly set, marked and witnessed as described by the surveyor general. I take and destroy all marks on cor. pertaining to sec. 27, and change the mound of stone from the W. to the E. Thence N. $0^{\circ}10'$ E., with continuous measurement.
42.00	Gulch, 45 ft. below $\frac{1}{4}$ sec. cor. sec. 27, drains E.; ascend abruptly.
44.50	Spur, 120 ft. above gulch, projects E.; descend gradually.
58.30	Gulch, 40 ft. below spur, drains S. $70^{\circ}$ E.; descend gradually.
71.00	Ridge, 50 ft. above gulch, bears E. and W.; descend gradually.
80.46	On E. side of gulch, drains N., 50 ft. below ridge: There being no cors. found to the E. or W. of this point, which is midway bet. the $\frac{1}{4}$ sec. cors. secs. 22 and 23, and 26 and 27, I establish the cor. secs. 22, 23, 26 and 27 as follows.
	Set an iron post 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 22, 23, 26 and 27, with a brass cap marked

TRIP	AGE
522	523
524	525

1920

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.  
 No suitable bearing trees available.

Land, rough and mountainous, broken by deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, E. into the Fremont River.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair grazing on all of mile.

From the cor. secs. 22, 23, 26 and 27.

West, on a resurvey line bet. secs. 22 and 27.

Ascend abruptly over rough mountainous land, through  
 scattering cedar and pinon timber and scattering  
 undergrowth of shadscale.

1.10 Gulch, 30 ft. below sec. cor., course N.; ascend abruptly.

6.00 Spur, 140 ft. above gulch, projects N.; descend abruptly.

7.20 Draw, 50 ft. below spur, course N.; ascend abruptly.

23.58 Spur, 200 ft. above gulch, projects N. 10° E.; descend  
 abruptly.

30.50 Gulch, 75 ft. below spur, drains E.; ascend abruptly.

32.60 On steep SW. slope, 65 ft. above gulch; setting of 40.00  
 chs. from the cor. secs. 27 and 28.

Set an iron post, 3 ft. long, 1 inc. dia., 6 inc. in the  
 ground to solid rock and 20 inc. in a mound of stone,  
 for 1/2 sec. cor. sec. 27 only, with brass cap marked

1/2 S27

1920

From which

A pinon, 6 ins. dia., bears S. 62° E., 170 lbs.  
 dist., marked 1/2 S27 BT.

A cedar, 6 ins. dia., bears S. 11° 30' W., 30 lbs.  
 dist., marked 1/2 S27 BT.

## RESURVEY OF THE SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS	
34.50	Gulch, 45 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend abruptly.
40.00	On steep SE. slope, 40 ft. above gulch. Point midway bet. the cor. secs. 22, 23, 26 and 27 and 21 and 22. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 22 only, with a brass cap marked <u><math>\frac{1}{4}</math> S22</u> 1920
	From which A pinon, 6 ins. dia., bears N. $18^{\circ}30'$ E., 96 lks. dist., marked $\frac{1}{4}$ S22 BT. A pinon, 6 ins. dia., bears N. $48^{\circ}$ W., 39 lks. dist., marked $\frac{1}{4}$ S22 BT.
46.30	Point of high sandstone ledge, 180 ft. above the $\frac{1}{4}$ sec. cor., projects SW.; descend abruptly.
48.10	Gulch, 150 ft. below top of ledge, drains N. $10^{\circ}$ E.; ascend abruptly.
63.50	Rim of deep gulch, 140 ft. above gulch, bears N. and S.; descend abruptly.
66.60	Deep gulch, 35 ft. below rim, drains N.; ascend abruptly.
68.50	Spur, 160 ft. above gulch, projects N. $72^{\circ}$ E.; descend abruptly.
72.66	On steep NW. slope, point for cor. secs. 27 and 28, hereinafter described.
77.50	Deep gulch, 170 ft. below spur, drains N. $70^{\circ}$ E.; ascend abruptly.
80.00	On steep SE. slope, 45 ft. above gulch, the reported courses and distances from the cor. secs. 15, 16, 21 and 22 and 22, 23, 26 and 27. Set an iron post 3 ft. long, 2 ins. dia., 14 ins. in the ground to solid rock and 10 ins. in a mound of stone, for the reestablished cor. secs. 21 and 22, only, with a brass cap marked.

RESURVEY OF THE SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

T29S	R6E
S21	S22

S28

1920

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
No suitable bearing trees available.

Land, rough and mountainous, broken by deep gulches and sandstone ledges.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE. into the Fremont River.

Undergrowth, scattering shadscale.

Timber, scattering cedar and pinon.

Fair grazing on all of mile.

From the cor. secs. 21 and 22.

N.  $0^{\circ}02'$  W., on a resurvey line bet. secs. 21 and 22.

Ascend abruptly over rough mountainous land, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

3.90 Top of sandstone rim, 100 ft. above cor., bears N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W.; descend gradually over rolling land.

34.40 Top of breaks on S. side of Fremont River, 210 ft. below top of sandstone rim, bears E. and W.; descend abruptly.

37.70 Enter rolling bottom of Fremont River bed, 180 ft. below top of breaks; thence over rolling bottom of River bed.

38.20 Fremont River, a stream of good clear water, 40 lks. wide, 10 ins. deep, drains N.  $40^{\circ}$  E.

40.00 On rolling bottom of Fremont River bed, point midway bet. the cor. secs. 21 and 22 and 15, 16, 21 and 22.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for re-established  $\frac{1}{4}$  sec. cor. secs. 21 and 22, with brass cap marked.

	$\frac{1}{4}$	
S21		S22

1920

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

## RESURVEY OF THE SUBDIVISION OF T. 23 S., R. 6 E.

CHAINS	
	No suitable bearing trees available.
41.00	Leave river bottom, bears E. and W.; thence ascend abrupt S. slope.
49.00	Top of breaks on N. side of Fremont River, bears E. and W., 230 ft. above river; thence, over rolling bench.
61.20	Leave rolling top of bench, bears E. and W.; descend gradually.
72.00	Gulch, 55 ft. below bench, drains NE.; ascend abruptly.
80.00	At top of steep ascent, 70 ft. above gulch.
	The cor. secs. 15, 16, 21 and 22, which is a sandstone 12 x 10 x 15 ins. above mound of stone, firmly set, marked and witnessed as described by the surveyor general.
	Land, rough and mountainous.
	Soil, shallow red sandy loam.
	Drainage, N. 40° E. by Fremont River.
	Undergrowth, scattering shadscale.
	Timber, scattering cedar and pinon.
	Fair grazing on all of mile.
	From the cor. secs. 15, 16, 21 and 22.
	N. 0°10' E., on a resurvey line bet. secs. 15 and 16.
	Descend gradually over rough mountainous land, through scattering cedar and pinon timber and scattering undergrowth of shadscale.
7.00	Gulch, 75 ft. below cor., drains N. 70° E.; ascend gradually.
8.20	One-wire telephone line from Torrey to Fruita, bears N. 70° E. and S. 70° W.
12.80	Spur, 70 ft. above gulch, projects N. 70° E.; descend abruptly.
27.00	Gulch, 115 ft. below spur, drains NE.; ascend abruptly.
30.00	Spur, 75 ft. above gulch, projects NE.; descend abruptly.
40.00	On steep N. slope, near bottom of Sulphur Creek, point midway bet. the cor. secs. 9, 10, 15 and 16 and 15, 16, 21 and 22.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone,

RESURVEY OF THE SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

for the reestablished  $\frac{1}{4}$  sec. cor. secs. 15 and 16, with  
brass cap marked



Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
No suitable bearing trees available.

42.00 Sulphur Creek, a stream of muddy alkali water, 5 lks.  
wide, 2 ins. deep, in channel 50 lks. wide, 5 ft. deep,  
65 ft. below the  $\frac{1}{4}$  sec. cor., course N. 70° E.; ascend  
abruptly.

42.50 Old lime kiln bears, E., 2.50 chs. dist.

45.00 Rocky spur, 120 ft. above creek, projects NE.; descend  
abruptly.

52.50 Deep gulch, 120 ft. below spur, drains NE.; ascend  
abruptly.

65.50 Main road from Torrey to Fruita, bears NE. and SW.

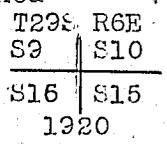
71.00 At foot of blue clay breaks, bears E. and W., 175 ft.  
above box canyon.

The witness cor. to the sec. cor. secs. 9, 10, 15 and 16,  
which is a sandstone, 10 x 12 x 15 ins. above ground,  
firmly set, marked and witnessed as described by the  
surveyor general.

Thence, N. 0°02' W., with continuous measurement.

80.00 On steep W. slope, 150 ft. above the witness cor.; the cor.  
secs. 9, 10, 15 and 16, which is a sandstone 10 x 10 x 15  
ins. lying on the ground, marked and witnessed as  
described by the surveyor general. I reestablish cor. as  
follows.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the  
ground, for the reestablished cor. secs. 9, 10, 15 and  
16, with a brass cap marked



Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
No bearing trees available.

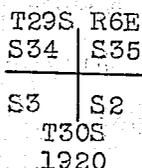
Land, rough and mountainous.

CHAINS

Soil, shallow red sandy loam mixed with loose sandstone.  
 Drainage, N. 70° E. by Sulphur Creek.  
 Undergrowth, scattering shadscale.  
 Timber, scattering cedar and pinon.  
 Fair grazing on all of mile.  
 The land to the E. and N. of this cor., passes over inaccessible ledges and is unsurveyable.

SURVEY OF THE SOUTH BOUNDARY OF T. 29 S., R. 6 E.

From the cor. on the S. bdy. of the township, for secs. 2, 3, 34 and 35, which is a sandstone 10, 12 x 15 ins. above ground; loosely set, marked and witnessed as described by the surveyor general, which I reestablish as follows  
 Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to solid rock and 20 ins. in a mound of stone, for cor. secs. 2, 3, 34 and 35, with brass cap marked



From which

A pinon, 10 ins. dia., bears N. 82°30' E., 7 lks. dist., marked T29S R6E S35 BT.

A pinon, 6 ins. dia., bears S. 42°15' E., 41 lks. dist., marked T30S R6E S2 BT.

A pinon, 7 ins. dia., bears S. 64° W., 44 lks. dist., marked T30S R6E S3 BT.

A pinon, 8 ins. dia., bears N. 24° W., 43 lks. dist., marked T29S R6E S34 BT.

West, along the S. bdy. of the township, and at

312.60 Intersect the W. bdy. of T. 30 S., R. 6 E., 3.12 chs. S. of the cor. of Ts. 29 and 30 S., R. 5 E., heretofore described.

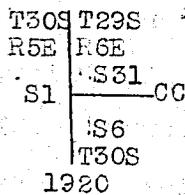
At point of intersection.

Set an iron post, 3 ft. long, 3 ins. dia., 4 ins. in the ground to solid rock and 20 ins. in a mound of stone,

SURVEY OF THE SOUTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

closing  
for  $\frac{1}{4}$  cor. of Ts. 29 and 30 S., R. 6 E., with brass  
cap marked.



From which

- . . . . . A pinon, 10 ins. dia., bears N. 42°15' E., 41 lks.  
    . . . . . dist., marked T29S R6E S31 CC BT
- . . . . . A pinon, 8 ins. dia., bears S. 67° E., 37 lks.  
    . . . . . dist., marked T30S R6E S6 CC BT,

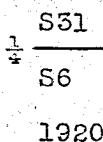
Thence:

From the <sup>closing</sup>  $\frac{1}{4}$  cor. Ts. 29 and 30 S., R. 6 E.

East, along S. bdy. township bet. secs. 6 and 31.

Ascend gradually over broken land, through dense  
growth of cedar and pinon timber and scattering under-  
growth of shadscale and bunch grass.

- 2.20 A pinon pine, 10 ins. dia., on line, which I mark with  
    2 notches on E. and W. faces.
- 4.60 Low spur, 25 ft. above cor. projects N. 8° E.; descend  
    gradually.
- 7.30 Gulch, 55 ft. below spur, drains N.; ascend gradually.
- 14.90 Spur, 35 ft. above gulch, projects N. 17° E.; descend  
    gradually.
- 30.20 Gulch, 30 ft. below spur, drains N. 22° E.; ascend  
    gradually.
- 39.40 The old  $\frac{1}{4}$  sec. cor., which I destroy, bears N., 287 lks.  
    dist.
- 40.00 On top of low spur, 70 ft. above gulch, on solid sandstone.  
    Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a  
    mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 6 and 31, with  
    a brass cap marked



SURVEY OF THE SOUTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

From which

A pinon, 10 ins. dia., bears S. 62° E., 39 lks. dist., marked  $\frac{1}{4}$  S6 BT.

A cedar, 8 ins. dia., bears N. 23° W., 32 lks. dist., marked  $\frac{1}{4}$  S31 BT.

48.60 Gulch, 70 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 8° E.; ascend gradually.

68.10 Top of ridge, 75 ft. above gulch, bears N. 10° E. and S. 10° W.; descend gradually.

75.00 Top of sandstone ledge, 20 ft. high, bears N. and S.; descend abruptly over broken sandstone.

80.00 At foot of steep descent, on gentle E. slope, 115 ft. below top of ridge.

Set an iron post, 3 ft. long, .2 ins. dia., 4 ins. in the ground to solid rock and 20 ins. in a mound of stone, for cor. secs. 5, 6, 31 and 32, with brass cap marked

T29S R6E	
S31	S32

S6	S5
----	----

T30S  
1920.

From which,

A pinon, 8 ins. dia., bears N. 83° E., 45 lks. dist., marked T29S R6E S32 BT.

A pinon, 12 ins. dia., bears S. 63° E., 32 lks. dist., marked T30S R6E S5 BT.

A pinon, 8 ins. dia., bears S. 66° W., 65 lks. dist., marked T30S R6E S6 BT.

A pinon, 16 ins. dia., bears N. 52° W., 34 lks. dist., marked T29 S. R6E S31 BT.

From this cor., old sec. cor. which I destroy, bears N. 10° W., 2.80 chs. dist.

Land, broken by outcropping of sandstone.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, N. into the Fremont River.

Undergrowth, scattering shadscale and bunch grass.

Timber, dense cedar and pinon. Good grazing on all of mile.

SURVEY OF THE SOUTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

From the cor. secs. 5, 6, 31 and 32, on the S. bdy. of the township.

East, bet. secs. 5 and 32.

Descend gradually over broken mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale and bunch grass.

- 1.00 Large gulch, 20 ft. below sec. cor., drains N. 14° E.; ascend abruptly.
- 12.50 Spur, 110 ft. above gulch, projects N. 12° E., descend abruptly.
- 16.90 Gulch, 80 ft. below spur, drains N.; ascend abruptly.
- 22.10 Spur, 110 ft. above gulch, projects N. 8° E.; descend gradually.

40.00 On rolling land, 70 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. secs. 5 and 32, with brass cap marked.

$\frac{1}{4}$   $\frac{S32}{S5}$

1920

From which

A pinon, 14 ins. dia., bears S. 57°30' E., 18 lks. dist., marked  $\frac{1}{4}$  S5 BT.

A pinon, 8 ins. dia., bears N. 61°30' W., 71 lks. dist., marked  $\frac{1}{4}$  S32 BT.

Find no trace of the old  $\frac{1}{4}$  sec. cor.

- 41.00 Swale, 15 ft. below  $\frac{1}{4}$  sec. cor., drains N.; ascend gradually.
- 66.70 Top of ridge, 75 ft. above swale, bears N. 20° E. and S. 20° W.; descend gradually.
- 80.00 On gentle E. slope, 45 ft. below top of ridge.  
Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to solid rock and 10 ins. in a mound of stone, for cor. secs. 4, 5, 32 and 33, with brass cap marked.

SURVEY OF THE SOUTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

T29S	R6E
S32	S33
S5	S4
T30S	
1920	

From which

A pinon, 11 ins. dia., bears N. 58° E., 80 lks. dist., marked T29S R6E S33 BT.

A pinon, 9 ins. dia., bears S. 9° E., 56 lks. dist., marked T30S R6E S4 BT.

A pinon, 15 ins. dia., bears S. 70° W., 29 lks. dist., marked T30S R6E S5 BT.

A pinon, 8 ins. dia., bears N. 65°30' W., 55 lks. dist., marked T29S R6E S32 BT.

Find no trace of the old sec. cor.

Land, rough and mountainous.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, N., into Fremont River.

Undergrowth, scattering shadscale and bunch grass.

Timber, dense cedar and pinon.

Good grazing on all of mile.

From the cor. secs. 4, 5, 32 and 33.

East, bet. secs. 4 and 33, along the S. bdy. of the township.

Descend gradually over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale and bunch grass.

9.50 Top of sandstone rim. 40 ft. high, 45 ft. below cor., bears N. 80° E., and S. 80° W.; thence, along broken base of ledge.

11.20 Top of sandstone point from rim, 65 ft. above base of ledge, projects S.; descend abruptly.

23.00 Large gulch, 400 ft. below point of ledge, drains NE.; ascend abruptly.

40.00 On steep NW. slope, 75 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the

SURVEY OF THE SOUTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

ground to solid rock and 20 ins. in a mound of stone,  
for  $\frac{1}{4}$  sec. cor. secs. 4 and 33, with brass cap marked.

$\frac{1}{4}$   $\frac{S33}{S4}$

1920

From which

A pinon, 10 ins. dia., bears N. 40°15' E., 56 lks.  
dist., marked  $\frac{1}{4}$  S33 BT.

A pinon, 8 ins. dia., bears S. 10° W., 83 lks.  
dist., marked  $\frac{1}{4}$  S4 BT.

Find no trace of the old  $\frac{1}{4}$  sec. cor.

44.00 Spur, 250 ft. above the  $\frac{1}{4}$  sec. cor., projects N. 30° E.;  
descend abruptly.

47.60 Gulch, 245 ft. below the spur, course NE.; ascend abruptly.

61.40 Ridge, 230 ft. above gulch, bears N. 10° E. and S. 10° W.;  
descend abruptly.

70.00 Gulch, 260 ft. below ridge, drains N. 40° E.; ascend  
abruptly.

80.00 On steep W. slope, 175 ft. above gulch, on solid sandstone.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a  
mound of stone, for cor. secs. 3, 4, 33 and 34, with  
brass cap marked.

T29S	R6E
S33	S34
S4	S3
T30S	
1920.	

From which,

A pinon, 10 ins. dia., bears N. 82°30' E., 7 lks.  
dist., marked T29S R6E S34 BT.

A pinon, 6 ins. dia., bears S. 42°15' E., 41 lks.  
dist., marked T30S R6E S3 BT.

A pinon, 7 ins. dia., bears S. 64° W., 44 lks.  
dist., marked T30S R6E S4 BT.

A pinon, 8 ins. dia., bears N. 24° W., 43 lks.  
dist., marked T29S R6E S33 BT.

Find no trace of old sec. cor.

SURVEY OF THE SOUTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

Land, rough and mountainous, broken by sandstone ledges.  
 Soil, shallow red sandy loam, mixed with loose sandstone.  
 Drainage, NE. into the Fremont River.  
 Undergrowth, scattering shadscale and bunch grass.  
 Timber, dense cedar and pinon.  
 Good grazing on all of mile.

From the cor. secs. 3, 4, 33 and 34.

East, bet. secs. 3 and 34, along the S. bdy. of the township.

Ascend abruptly over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale and bunch grass.

2.40 Ridge, 75 ft. above the sec. cor., bears N. 10° E. and S. 10° W.; descend abruptly.

16.40 Large gulch, 430 ft. below ridge, drains N. 70° E.; ascend abruptly.

40.00 On steep NW. slope, 165 ft. above gulch, on solid sandstone.

Set an iron post, 3 ft. long, 1 in. dia., 23 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 3 and 34, with brass cap marked.

$$\begin{array}{r} S34 \\ \hline S3 \end{array}$$

1920

From which

A pinon, 10 ins. dia., bears N. 60° 15' E., 23 lks. dist., marked  $\frac{1}{4}$  S34 BT.

A pinon, 6 ins. dia., bears S. 32° 30' W., 36 lks. dist., marked  $\frac{1}{4}$  S3 BT.

Find no trace of the old  $\frac{1}{4}$  sec. cor.

47.70 Spur, 70 ft. above the  $\frac{1}{4}$  sec. cor., projects N. 30° E.; descend abruptly.

50.70 Gulch, 70 ft. below spur, drains N. 20° E.; ascend abruptly.

57.50 Ridge, 75 ft. above gulch, bears N. 10° W., and S. 10° E.; descend abruptly.

## SURVEY OF THE NORTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

72.60 The cor. secs. 2, 3, 34 and 35, 350 ft. below ridge, heretofore described.

Land, rough and mountainous, broken by deep gulches and sandstone ledges.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE., into the Fremont River.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair grazing on all of mile.

## SURVEY OF THE NORTH BOUNDARY OF T. 29 S., R. 6 E.

From the closing cor. of T. 29 S., Rs. 5 and 6 E., heretofore described.

East, along the N. bdy. sec. 6.

Ascend abruptly over broken sandstone ledges, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

19.40 Point of red sandstone spur, 325 ft. above the township cor., projects S.; descend abruptly over broken sandstone ledges.

29.20 Gulch, 110 ft. below top of spur, drains S. 10° E., ascend gradually.

34.10 Spur, 40 ft. above gulch, projects S. 20° E., descend gradually.

40.00 On gentle E. slope, 45 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 6 only, with brass cap marked

$\frac{1}{4}$  S6

1920

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high S. of cor.

No suitable bearing trees available.

61.10 Wash, 30 lks. wide, 4 ft. deep, 35 ft. below the  $\frac{1}{4}$  sec. cor., drains S. 10° W.; ascend abruptly.

SURVEY OF THE NORTH BOUNDARY OF T. 29 S., R. 6 E.

CHAINS

65.00 Base of perpendicular sandstone ledges, 500 ft. high, 250 ft. above wash, bears SE. and NW., It being impossible to chain E., from this point, I offset as follows. South, 10.00 chs., thence, E., 15.00 chs.; thence, N. 10. chs. to true line.

80.00 On true line at base of perpendicular sandstone ledges, 500 ft. high, bears N. 80° E. and S. 80° W., on solid sandstone. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 5, 6, 31 and 32, with a brass cap marked.

T28S	R6E
S31	S32
S6	S5
T29S	
1920	

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No suitable bearing trees available. Land, rough and mountainous; broken by deep box canyons and sandstone ledges. Soil, shallow red sandy loam, mixed with loose sandstone. Timber, scattering cedar and pinon. Drainage, S. into Sulphur Creek. Undergrowth, scattering shadscale. Fair grazing on all of mile. The east 5 miles of this boundary, pass over inaccessible sandstone ledges and box canyons and is unsurveyable.

SUBDIVISION OF T. 29 S., R. 6 E.

From the cor. secs. 5, 6, 31 and 32, on S. bdy. township. N. 0°01' E., bet. secs. 31 and 32. Ascend gradually over rough mountainous land, through scattering undergrowth of shadscale and dense cedar and pinon timber.

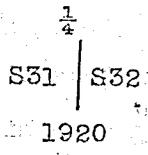
5.50 Spur, 120 ft. above cor., projects N. 40° E.; descend gradually.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

- 12.80 Gulch, 70 ft. below spur, drains NE.; ascend gradually.
- 18.30 Spur, 40 ft. above gulch, projects NE.; descend abruptly.
- 25.90 Gulch, 110 ft. below spur, drains NE.; ascend abruptly.
- 40.00 On level top of ridge, 140 ft. above gulch, on solid sandstone.

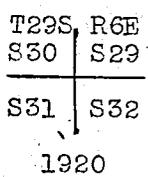
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 31 and 32, with brass cap marked.



- From which
- A pinon, 12 ins. dia., bears N. 41°30' E., 48 lks. dist., marked  $\frac{1}{4}$  S32 BT.
  - A pinon, 10 ins. dia., bears S. 25° E., 23 lks. dist., marked  $\frac{1}{4}$  S31 BT.

- 65.60 Rocky gulch, 175 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 70° E.; ascend abruptly.
- 69.20 Ridge, 75 ft. above gulch, bears N. 30° E. and S. 30° W.; descend abruptly over broken S. breaks of the Fremont River.

- 80.00 On steep N. slope, 225 ft. below top of ridge, on solid sandstone.
- Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 29, 30, 31 and 32, with a brass cap marked.



Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available. Land, rough and mountainous, broken by deep gulches and sandstone ledges. Soil, shallow red sandy loam, mixed with loose sandstone. Drainage, NE., into the Fremont River.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

Undergrowth, scattering shadscale.  
 Timber, dense cedar and pinon.  
 Fair grazing on all of mile.

West, on random line bet. secs. 30 and 31.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect the W. bdy. township, 2 lks. S. of the cor. sec.  
 30 and 31.

Thence

S.  $89^{\circ}59'$  E., on true line bet. secs. 30 and 31.

Ascend abruptly over high sandstone ridge, through  
 dense cedar and pinon timber and scattering undergrowth  
 of shadscale.

2.50 Top of high sandstone ridge, 150 ft. above cor., bears  
 N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W.; descend abruptly over broken  
 sandstone ledges.

13.30 Gulch, 380 ft. below ridge, drains N.  $30^{\circ}$  E.; ascend  
 abruptly.

25.20 Spur, 230 ft. above gulch, projects N.; descend gradually.

32.80 Swale, 45 ft. below spur, drains N.; ascend gradually.

40.01 On point of spur, 45 ft. above swale, projects NE., on  
 solid sandstone.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a  
 mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 30 and 31, with  
 a brass cap marked.

$\frac{1}{4}$   $\frac{S30}{S31}$   
 1920

From which

A pinon, 10 ins. dia., bears S.  $25^{\circ}$  E., 28 lks.  
 dist., marked  $\frac{1}{4}$  S31 BT.

A pinon, 8 ins. dia., bears N.  $20^{\circ}$  W., 18 lks.  
 dist., marked  $\frac{1}{4}$  S30 BT.

49.20 Deep rocky gulch, 410 ft. below the  $\frac{1}{4}$  sec. cor., drains  
 N.  $20^{\circ}$  E.; ascend abruptly.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

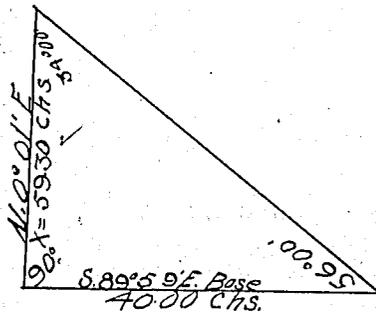
74.90 Spur, 710 ft. above gulch, projects N. 10° E.; descend abruptly.

80.02 The cor. secs. 29, 30, 31 and 32, 75 ft. below spur. Land, broken sandstone ledges and deep gulches which form the S. breaks of the Fremont River. Soil, shallow red sandy loam, mixed with loose sandstone. Drainage, N. into the Fremont River. Undergrowth, scattering shadscale. Timber, dense cedar and pinon. Fair grazing on all of mile.

From the cor. secs. 29, 30, 31 and 32.

N. 0°01' E., bet. secs. 29 and 30.

Sandstone ledges which form the S. breaks of the Fremont River, make chaining impracticable, I therefore determine the distance by triangulation as follows: Set a flag at top of ledge N., in breaks of river and from the cor. secs. 29, 30, 31 and 32, run a base line S. 89°59' E., 40.00 chs. dist.; From this point, flag at top of ledge in N. breaks of river, subtends an angle of 56°00'.



Distance by triangulation 59.30 chs.

Total distance on line 59.30 chs.

Approximate topography bet. points of triangulation.

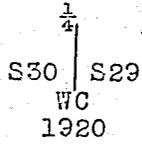
32.60 Fremont River, 560 ft. below sec. cor, stream of good clear water, 40 lks. wide, 10 ins. deep, in deep box canyon which has high inaccessible sandstone ledges on both sides, drains E.

40.00 Falls on perpendicular sandstone ledges which form the N. breaks of the Fremont River, no cor. set.

SUBDIVISION OF T. 29 S. , R. 6 E.

CHAINS

59.30 To point of triangulation, at top of ledge on N. breaks of river, 310 ft. above bottom, bears E. and W., on solid sandstone,  
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. sec. 29 and 30, with brass cap marked.



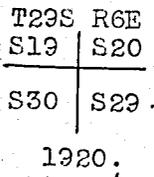
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 No suitable bearing trees available.

Continue to ascend broken N. breaks of river.

67.50 Sandstone spur, 200 ft. above the witness  $\frac{1}{4}$  sec. cor., projects S.  $20^\circ$  W.; descend abruptly.

73.80 Deep rocky gulch, 110 ft. below spur, drains SE.; ascend abruptly.

80.00 At top of steep ascent from river, 105 ft. above gulch.  
 Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 13, 20, 29 and 30, with brass cap marked.



Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 No suitable bearing trees available.

Land, rough and mountainous, broken by breaks of the Fremont River.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, E. by the Fremont River.

Undergrowth, scattering shadscale.

Timber, scattered cedar and pi mn.

Fair grazing on all of mile but breaks of the Fremont River make it inaccessible for stock.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

N. 89°59' W., on random line bet. secs. 19 and 30.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect the W. bdy. of township, 5 lks. S. of the cor. secs. 19 and 30.

Thence,

S. 89°57' E., on true line bet. secs. 19 and 30.

Ascend gradually over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.

36.80 Spur, 155 ft. above cor., projects N.; descend gradually.

40.05 In small draw, 15 ft. below spur, drains N.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., secs. 19 and 30, with brass cap marked.

$\frac{1}{4}$   $\frac{S19}{S30}$

1920

From which

A pinon, 8 ins. dia., bears S. 62° W., 23 lks. dist., marked  $\frac{1}{4}$  S30 BT.

A cedar, 10 ins. dia., bears N. 26° W., 55 lks. dist., marked  $\frac{1}{4}$  S19 BT.

41.70 Ridge, 55 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.; descend abruptly.

54.30 Head of deep rocky gulch, 460 ft. below ridge, drains N.; ascend abruptly.

70.80 Spur, 400 ft. above gulch, projects S.; descend abruptly.

80.10 The cor. secs. 19, 20, 29 and 30, 140 ft. below spur.

Land, rough and mountainous, broken by sandstone ledges and deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, N. on W.  $\frac{1}{2}$  mile into Sulphur Creek and S. on

E.  $\frac{1}{2}$  mile into the Fremont River.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair grazing on all of mile.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

From the cor. secs. 19, 20, 29 and 30.

N. 0° 01' E., bet. secs. 19 and 20.

Ascend gradually over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.

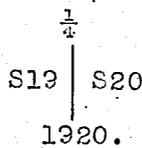
10.00 Sandstone spur, 80 ft. above sec. cor., projects S. 10° descend gradually.

20.00 Gulch, 75 ft. below spur, drains N. 80° E.; ascend gradually.

25.40 Ridge, 80 ft. above gulch, bears N. 60° E. and S. 60° W. descend gradually.

38.00 Head of draw, 170 ft. below ridge, drains NE.; ascend gradually.

40.00 On gentle SE. slope, 15 ft. above draw, on solid sandstone Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 19 and 20, with brass cap marked.



From which

A pinon, 10 ins. dia., bears N. 51° E., 33 lks. dist., marked  $\frac{1}{4}$  S20 BT.

A pinon, 10 ins. dia., bears S. 36° W., 25 lks. dist., marked  $\frac{1}{4}$  S19 BT.

54.00 Ridge, 85 ft. above the  $\frac{1}{4}$  sec. cor., bears S. 70° E. and N. 70° W.; descend abruptly over broken sandstone ledge

66.40 One wire telephone line, from Torrey to Fruita, bears N. 70° W. and S. 70° E.

75.60 Deep rocky gulch, 730 ft. below ridge, drains S. 80° E.; ascend abruptly over sandstone ledges.

80.00 On steep broken S. slope, 170 ft. above gulch, on solid sandstone.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 17, 18, 19, and 20, with brass cap marked

SUBDIVISION OF T. 29 S. R. 6 E.

CHAINS

T29S R6E ✓	
S18	S17
S19	S20

1920

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

✓ Nosuitable bearing trees available.

Land, rough and mountainous, broken by sandstone ledges and deep rocky gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE. into the Sulphur Creek.

✓ Undergrowth, scattering shadscale.

✓ Timber, dense cedar and pinon.

Fair grazing on all of mile.

N. 89°57' W., on random line bet. secs. 18 and 19.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect the W. bdy. of the township; 7 lks. N. of the cor. secs. 18 and 19.

Thence

East, on true line bet. secs. 18 and 19.

Ascend abruptly over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.

10.40 Spur, 130 ft. above cor., projects N.; descend abruptly.

22.30 Gulch, 230 ft. below spur, drains SE.; ascend gradually.

23.80 One wire telephone line from Torrey to Fruita, bears S. 80° E. and N. 80° W.

29.90 Spur; 70 ft. above gulch, projects S.; descend gradually.

39.20 Same gulch, 70 ft. below spur, drains N. 80° E.; ascend gradually.

40.04 On SE. bank of gulch, 10 ft. above bottom.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. secs. 18 and 19, with a brass cap marked.

¼	S18
	S19
	1920

SUBDIVISION OF T. 22 S., R. 6 E.

CHAINS

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.  
No suitable bearing trees available.

56.70 Spur, 120 ft. above the 1/4 sec. cor., projects N. 80° E.;  
descend gradually.

71.10 Same gulch, 60 ft. below spur, drains S. 80° E.; ascend  
gradually.

80.08 The cor. secs. 17, 18, 19 and 20, 75 ft. above gulch.  
Land, rough and mountainous.  
Soil, shallow red sandy loam, mixed with loose sandstone.  
Drainage, E., into Sulphur Creek.  
Undergrowth, scattering shadscale.  
Timber, dense cedar and pinon.  
Fair, grazing on all of mile.

From the cor. secs. 17, 18, 19 and 20.

N. 0°01' E., bet. secs. 17 and 18.

Ascend abruptly over broken sandstone ledges, through  
dense cedar and pinon timber and scattering undergrowth  
of shadscale.

9.50 Top of ledges and ridge, 190 ft. above sec. cor., bears  
E. and W.; descend abruptly.

20.00 Gulch, 150 ft. below ridge, drains E.; ascend abruptly.

22.90 Ridge, 180 ft. above gulch, bears E. and W.; descend  
abruptly.

32.50 Head of deep gulch, 210 ft. below ridge, drains NE.; ascend  
abruptly.

39.00 Rocky spur, 180 ft. above gulch, projects NE.; descend  
abruptly.

40.00 On steep N. slope of spur, 15 ft. below top on solid  
sandstone.

There being no iron post available.

Set a hard white sandstone, 12 x 12 x 36 ins., 26 ins.  
in a mound of stone, marked on S. face

1/4  
S18 | S17  
1920

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
No suitable bearing trees available.

47.50 Gulch, 250 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend abruptly.

55.00 Point of rocky spur, 115 ft. above gulch, projects E.; descend gradually.

62.10 Top of abrupt descent over perpendicular sandstone ledges into Sulphur Creek, bears E. and W., 110 ft. below point of rocky spur.

80.00 Point for sec. cor. falls on perpendicular sandstone ledges, no cor. set.

89.60 Sulphur Creek in deep box canyon, 550 ft. below top of abrupt descent, stream of alkali water, 5 lks. wide, 2 ins. deep, course S. 40° E.

90.22 On N. bank of Sulphur Creek, 10 ft. above bottom. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for witness cor. to the cor. secs. 7, 8, 17 and 18, with a brass cap marked.

T29S	R6E
S7	S8
S18	S17
WC	
1920	

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
No suitable bearing trees available.

Land, rough and mountainous, broken by the S. breaks of Sulphur Creek.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE., into Sulphur Creek.

Undergrowth, scattering shadscale.

Timber, dense cedar and piñon.

Fair grazing on all of mile.

From the true point for cor. secs. 7, 8, 17 and 18.

West, on random line bet. secs. 7 and 18.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

- 20.10 Intersect the W. bdy. of the township, 2 lks. N. of the  
cor. secs. 7 and 18  
Thence  
N. 22°53' E., on true line bet. secs. 7 and 18.  
Ascend gradually over rough mountainous land, through  
dense cedar and pinon timber and scattering undergrowth  
of shadscale.
- 5.00 Spur, 40 ft. above the sec. cor., projects N. 80° W.;  
descend gradually.
- 20.20 Gulch, 40 ft. below spur, drains N. 80° E.; ascend gradually
- 27.20 Spur, 50 ft. above gulch, projects N. 20° E.; descend  
gradually.
- 33.10 Same gulch, 50 ft. below spur, drains S. 80° E.; ascend  
gradually.
- 40.05 On gentle N. slope, 60 ft. above gulch, on solid sandstone  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a  
mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 7 and 18, with  
brass cap marked
- |                   |
|-------------------|
| S7                |
| $\frac{1}{4}$ ——— |
| S18               |
| 1920              |
- From which
- A pinon, 11 ins. dia., bears S. 64° W., 11 lks.  
dist., marked  $\frac{1}{4}$  S18 BT.
- A pinon, 8 ins. dia., bears N. 15°30' W., 61 lks.  
dist., marked  $\frac{1}{4}$  S7 BT.
- 24.54 Top of ridge, 250 ft. above the  $\frac{1}{4}$  sec. cor., bears  
N. and S.; descend abruptly over breaks of Sulphur Creek
- 73.00 Sulphur Creek, stream alkali water, 5 lks. wide, 2 ins.  
deep, course S. 80° E.
- 80.10 The true point for cor. secs. 7, 8, 17, and 18, 625 ft.  
below top of ridge.  
Land, rough and mountainous, broken by sandstone ledges  
and deep gulches.  
Soil, shallow red sandy loam, mixed with loose sandstone.  
Drainage, NW., into Sulphur Creek.

CHAINS

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair grazing on all of mile.

From the true point for cor. secs. 7, 8, 17 and 18.

N. 0°01' E., bet. secs. 7 and 8.

Ascend broken N. breaks of Sulphur Creek through scattering cedar and pinon timber and scattering undergrowth of shadscale.

9.60 Sulphur Creek, 5 lks. wide, in deep box canyon, course S. 40° E.  
10.22 The witness cor. to the cor. secs. 7, 8, 17 and 18.

10.30 Top of high sandstone rim, 650 ft. above true point for cor., bears SE. and NW.; continue abrupt ascent.

20.15 Top of sandstone point, 200 ft. above top of rim, projects W.; descend gradually.

40.00 Point for the  $\frac{1}{2}$  sec. cor. fall in bottom of rocky gulch, 115 ft. below sandstone point, drains W.; no cor. set.

40.50 On N. side of gulch, 20 ft. above bottom, on solid sandstone. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for witness cor. to the  $\frac{1}{2}$  sec. cor. secs. 7 and 8, with brass cap marked.

$\frac{1}{2}$   
 |  
 S7 | SB  
 WC  
 1920

From which

A pinon, 10 ins. dia., bears S. 65°30' E., 40 lks. dist., marked WC  $\frac{1}{2}$  SB BT.

A pinon, 8 ins. dia., bears N. 80° W., 28 lks. dist., marked WC  $\frac{1}{2}$  S7 BT.

54.90 Spur, 75 ft. above the witness  $\frac{1}{2}$  sec. cor., projects W.; descend gradually.

60.00 Gulch, 85 ft. below spur, drains S. 60° W.; ascend gradually.

77.20 Spur, 75 ft. above gulch, projects S. 80° W.; descend gradually.

80.00 On gentle NW. slope, 45 ft. below spur, on solid sandstone. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 5, 6, 7 and 8, with brass cap marked.

SUBDIVISION OF T. 13 S., R. 22 E.

CHAINS

T29S	R6E
S6	S5
S7	S8

1920

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c

No suitable bearing trees available.

Land, rough and mountainous, broken by sandstone ledges and deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, S. 80° W. into Sulphur Creek.

Undergrowth, scattering shadscale.

Timber, scattering cedar and pinon.

Good grazing.

S. 89°59' W., on random line bet. secs. 6 and 7.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect the W. bdy. of the township, 2 lks. N. of the cor. secs. 6 and 7.

Thence

N. 89°58' E., on true line bet. secs. 6 and 7.

Descend gradually over rough mountainous land, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

14.50 Gulch, 40 ft. below sec. cor., drains NE.; ascend gradually

31.10 Spur, 45 ft. above gulch, projects NE.; descend gradually

40.03 On gentle E. slope, 55 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for ¼ sec. cor. secs. 6 and 7, with brass cap marked.

S6
¼
S7

1920

From which

A pinon, 10 ins. dia., bears S. 24° E., 156 lks. dist., marked ¼ S7 BT.

A pinon, 8 ins. dia., bears N. 49°45' W., 60 lks.

SUBDIVISION OF T. 23 S., R. 6 E.

CHAINS

dist., marked  $\frac{1}{4}$  S6 BT.

- 58.90 Gulch, 115 ft. below the  $\frac{1}{4}$  sec. cor., drains SW.; ascend abruptly.
- 55.90 Spur, 100 ft. above gulch, projects S.; descend gradually.
- 72.10 Large gulch, 30 ft. below spur, drains SW.; ascend gradually.
- 80.06 The cor. secs. 5, 6, 7 and 8, 100 ft. above gulch.  
 Land, rough and mountainous, broken by deep gulches and sandstone ledges.  
 Soil, shallow red sandy loam, mixed with loose sandstone.  
 Drainage, SW. into Sulphur Creek.  
 Undergrowth, scattering shadscale.  
 Timber, scattering cedar and pinon.  
 Fair grazing on all of mile.

North, on random line bet. secs. 5 and 6.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 64.30 Intersect the N. bdy. of the township, at the cor. secs. 5, 6, 31 and 32.

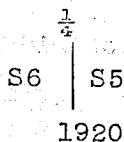
Thence

South, on true line bet. secs. 5 and 6.

Descend abruptly over broken S. slope, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

- 12.90 Gulch, 175 ft. below sec. cor., drains S. 20° W.; ascend gradually.
- 16.40 Spur, 30 ft. above gulch, projects W.; descend gradually.
- 20.00 Gulch, 35 ft. below spur, course SW.; ascend gradually.
- 24.30 On gentle SW. slope, 30 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 5 and 6, with a brass cap marked.



From which

## SUBDIVISION OF T. 29 S., R. 6 E.

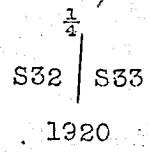
## CHAINS

- A pinon, 8 ins. dia., bears N: 47°30' E., 24 lks.  
dist., marked  $\frac{1}{4}$  S5 BT.
- A pinon, 10 ins. dia., bears S: 81° W., 77 lks.  
dist., marked  $\frac{1}{4}$  S6 BT.
- 32.20 Spur, 45 ft. above the  $\frac{1}{4}$  sec. cor., projects W.; descend gradually:
- 39.10 Gulch, 40 ft. below spur, drains S. 20° W.; ascend gradually.
- 54.70 Spur, 70 ft. above gulch, projects W.; descend gradually
- 58.90 Road from Torr y to Fruita, bears S: 80° E. and N. 80° W.
- 63.00 Gulch, 75 ft. below spur, drains SW.; ascend gradually.
- 64.30 The cor. secs: 5, 6, 7 and 8, 35 ft. above gulch.  
Land, rough and mountainous, broken by deep gulches.  
Soil, shallow red sandy loam, mixed with loose sandstone.  
Drainage, SW., into Sulphur Creek.  
Undergrowth, scattering shadscale.  
Timber, scattering cedar and pinon...  
Fair grazing on all of mile.
- 
- From the cor. on the S. bdy. of the township, for secs.  
4, 5, 32 and 33:  
N. 0°01' E., bet. secs. 32 and 33.  
Ascend gradually over rough mountainous land, through  
dense cedar and pinon timber and scattering undergrowth  
of shadscale.
- 2.00 Spur, 20 ft. above cor., projects N. 60° E.; descend abruptly.
- 21.80 Deep rocky gulch, 210 ft. below spur, drains N. 70° E.;  
ascend abruptly.
- 26.60 Ridge, 100 ft. above gulch, bears N. 70° E. and S. 70° W.  
descend gradually.
- 34.30 Gulch, 90 ft. below ridge, drains N. 60° E.; ascend gradually,
- 40.00 On gentle S. slope, 85 ft. above gulch, on top of low  
raise, bears E. and W.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 32 and 33, with a brass cap marked



From which

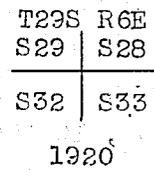
A cedar, 10 ins. dia., bears S. 15° E., 14 lks. dist., marked  $\frac{1}{4}$  S33 BT.

A pinon, 8 ins. dia., bears N. 81° W., 44 lks. dist., marked  $\frac{1}{4}$  S32 BT.

Thence descend gradually.

72.80 Begin abrupt descent, 75 ft. below the  $\frac{1}{4}$  sec. cor., bears E. and W.

80.00 On SE. bank of gulch, 110 ft. below top of steep descent. Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to solid rock and 12 ins. in a mound of stone, for cor. secs. 28, 29, 32 and 33, with a brass cap marked.



From which

A pinon, 10 ins. dia., bears N. 18°30' E., 46 lks. dist., marked T29S R6E S28 BT.

A pinon, 8 ins. dia., bears S. 23° E., 37 lks. dist., marked T29S R6E S33 BT.

A pinon, 10 ins. dia., bears S. 60°30' W., 29 lks. dist., marked T29 S R6E S32 BT.

A pinon, 6 ins. dia., bears N. 3° W., 38 lks. dist., marked T29S R6E S29 BT.

Land, rough and mountainous, broken by deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE., into the Fremont River.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon. Good grazing on all of mile.

SUBDIVISION OF T. 22 S., R. 6 E.

CHAINS

- West, on random line bet. secs. 29 and 32.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect the N. and S. line at the cor. secs. 29, 30, 31 and 32.
- Thence
- East, on true line bet. secs. 29 and 32.
- Ascend abruptly over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.
- 9.70 Ridge, 110 ft. above cor., bears N. 20° E. and S. 20° W. descend abruptly.
- 28.20 Gulch, 450 ft. below ridge, drains NE.; ascend abruptly.
- 40.00 On steep SW. slope, 390 ft above gulch, on solid sandstone. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 29 and 32, with brass cap marked.
- S29

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$\frac{1}{4}$  S32

1920
- From which
- A pinon, 10 ins. dia., bears S. 65° E., 66 lks. dist., marked  $\frac{1}{4}$  S32 BT.
- A pinon, 10 ins. dia., bears N. 8° W., 62 lks. dist., marked  $\frac{1}{4}$  S29 BT.
- 43.20 Top of limestone ledge, 40 ft. high, 75 ft. above the  $\frac{1}{4}$  sec. cor., bears N. 20° W. and S. 20° E.; descend abruptly.
- 67.50 Deep rocky gulch, 140 ft. below ledge, drains NE.; ascend gradually.
- 80.00 The cor. secs. 28, 29, 32 and 33, 25 ft. above gulch. Land, rough and mountainous, broken by deep gulches and sandstone ledges.
- Soil, shallow red sandy loam, mixed with loose sandstone.
- Drainage, NE. into the Fremont River.
- Undergrowth, scattering shadscale.
- Timber, dense cedar and pinon. Good grazing on all of mill

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

From the cor. secs. 28, 29, 32 and 33.

N. 0°01' E., bet. secs. 28 and 29.

Descend gradually over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.

2.00 Gulch, 25 ft. below cor., drains NE.; ascend abruptly.

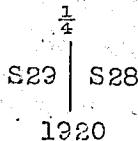
8.10 Spur, 35 ft. above gulch, projects N. 80° E.; descend abruptly.

15.00 Gulch, 185 ft. below spur, drains S. 70° E.; ascend abruptly.

25.90 Spur, 200 ft. above gulch, projects S. 80° E.; descend abruptly.

35.60 Head of gulch, 140 ft. below spur, drains NE.; ascend abruptly.

40.00 On steep S. slope, 75 ft. above gulch, on solid sandstone. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 28 and 29, with brass cap marked.



From which

A pinon, 8 ins. dia., bears S. 84°15' E., 14 lks. dist., marked  $\frac{1}{4}$  S28 BT.

A pinon, 6 ins. dia., bears N. 62° 30' W., 24 lks. dist., marked  $\frac{1}{4}$  S29 BT.

56.80 Ridge which forms the top of the S. breaks of the Fremont River, 230 ft. above the  $\frac{1}{4}$  sec. cor., bears N. 80° E. S. 80° W.; descend abruptly over broken S. breaks of river.

59.40 Gulch, 105 ft. below top of ridge, drains NE.; ascend gradually.

61.70 Spur, 25 ft. above gulch, projects N. 10° E.; descend abruptly.

80.00 On steep N. slope, 465 ft. below spur, on solid sandstone.

## SUBDIVISION OF T. 29 S., R. 6 E.

## CHAINS

Set an iron post, 5 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 20, 21, 28 and 29, with brass cap marked.

T29S R6E	S20	S21
	S29	S28

1920

From which

A pinon, 10 ins. dia., bears N.  $80^{\circ}30'$  E., 67 lks. dist., marked T29S R6E S21 BT.

A lone yellow pine, 14 ins. dia., bears S.  $20^{\circ}15'$  42 lks. dist., marked T29S R6E S28 BT.

A pinon, 10 ins. dia., bears S.  $61^{\circ}30'$  W., 87 lks. dist., marked T29S R6E S29 BT.

A pinon, 8 ins. dia., bears N.  $45^{\circ}$  W., 78 lks. dist., marked T29S R6E S20 BT.

Land, rough and mountainous, broken by deep gulches and sandstone ledges.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE., into the Fremont River.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair, grazing on all of mile.

It being impossible to extend a line W. from the cor. secs. 20, 21, 28 and 29, on account of perpendicular breaks of the Fremont River, I commence at the witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 20 and 21, hereinafter described which is N.  $0^{\circ}01'$  E., 2.79 chs. from its true position and run as follows through sec. 20. S.  $32^{\circ}00'$  W., 40.00 chs. dist. and set temp.  $\frac{1}{4}$  sec. cor. At this point I am unable to reach true random line, thence N.  $62^{\circ}07'$  W., 66.50' chs. dist. and at this point, intersect the  $\frac{1}{4}$  sec. cor. secs. 19 and 20, thence S.  $0^{\circ}01'$  W. 40.00 chs. to the cor. secs. 19, 20, 22, and 30. The course of the line bet. secs. 20 and 29 is therefore, N.  $83^{\circ}59'$  E., and the dist. is 79.28 chs.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

Thence from the cor. secs. 19, 20, 29 and 30, N. 0°01' E.,  
40.00 chs. to the  $\frac{1}{4}$  sec. cor. secs. 19 and 20, thence:

From the  $\frac{1}{4}$  sec. cor. secs. 19 and 20.

S. 62°07' E., on <sup>traverse</sup> line bet. secs. 20 and 29.

Descend abruptly over rough breaks of the Fremont River,  
through scattering cedar and pinon timber and scattering  
undergrowth of shadscale.

66.50 On top of high sandstone point, projects S. and is the  
nearest accessible point to the true position for the  
 $\frac{1}{4}$  sec. cor. secs. 20 and 29.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a  
mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor.  
secs. 20 and 29, with brass cap marked.

WC  $\frac{1}{4}$  ——— S20

S29

1920

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of  
cor.

Note: This cor. is set, 18.80 chs. E. and 8.89 chs. N.  
of its true position.

Thence

N. 32°00' E., 40.00 chs. dist., to the witness cor. to  
 $\frac{1}{4}$  sec. cor. secs. 20 and 21.

Land, rough and mountainous, broken by the N. breaks of  
the Fremont River.

Soil, shallow red sandy loam; mixed with loose sandstone.

Drainage, S.; into the Fremont River.

Undergrowth, scattering shadscale.

Timber, scattering cedar and pinon.

Fair grazing on all of mile.

From the cor. secs. 20, 21, 28 and 29.

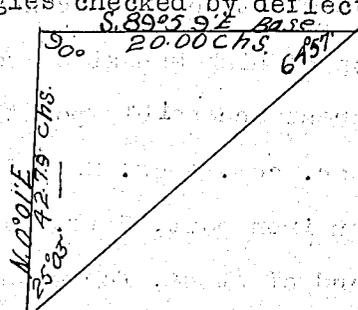
N. 0°01' E., bet. secs. 20 and 21.

Descend abruptly over rough breaks of the Fremont River  
which are impossible to chain over, I therefore determine  
the distance by triangulation as follows.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

Set a flag at this cor. and one on line to the N. at top breaks on N. side of River. From latter flag, subtend a base line S. 89°59' E., 20.00 chs. dist. From this point, the cor. secs. 20, 21, 28 and 29, subtends an angle of 64°57'. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation 42.79 chs.

Total distance on line 42.79 chs.

Approximate topography bet. points of triangulation.

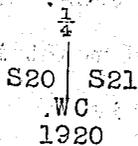
20.00 Fremont River, stream of good clear water, 40 lks. wide, 10 ins. deep, in canyon, 780 ft. below sec. cor., drains

E.; ascend broken N. breaks of River.

40.00 Falls on perpendicular ledges, no cor. set,

42.79 Top of N. breaks of river, 850 ft. above bottom, bears E. and W., on solid sandstone.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs 20 and 21, with brass cap marked.



From which

A pinon, 10 ins. dia., bears N. 46° E., 20 lks. dist., marked WC  $\frac{1}{4}$  S21 BT.

A pinon, 8 ins. dia., bears S. 66° W., 150 lks. dist., marked WC  $\frac{1}{4}$  S20 BT.

Thence, ascend gradually.

45.00 Top of ridge, 75 ft. above the witness  $\frac{1}{4}$  sec. cor., bears E. and W.; descend abruptly.

56.00 Deep rocky gulch, 510 ft. below ridge, drains NE.; ascend abruptly.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

- 67.60 Top of ridge, 170 ft. above gulch, bears NE. and SW.; descend abruptly.
  - 74.90 One-wire telephone line from Torrey to Fruita, bears N. 80° E. and S. 80° W.
  - 80.00 On gentle E. slope, 45 ft. below top of ridge, on solid sandstone.
- Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 16, 17, 20 and 21, with brass cap marked.

T29S	R6E
S17	S16
S20	S21

1920

From which

- A pinon, 6 ins. dia., bears N. 30°30' E., 104 lks. dist., marked T29S R6E S16 BT.
- A pinon, 8 ins. dia., bears S. 38°30' E., 158 lks. dist., marked T29S R6E S21 BT.
- A pinon, 5 ins. dia., bears S. 8°30' W., 55 lks. dist., marked T29S R6E S20 BT.
- A pinon, 8 ins. dia., bears N. 86° W., 37 lks. dist., marked T29S R6E S17 BT.

Land, rough and mountainous, broken by deep gulches and sandstone ledges.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, NE. into Sulphur Creek on N. portion of mile, E. by the Fremont River on S. portion of mile.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair grazing on all of mile.

S. 82°52' W., on random line bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect the N. and S. line, 2 lks. S. of the cor. secs. 17, 18, 19 and 20.

Thence

CHAINS

- East, on true line bet. secs. 17 and 20.  
Ascend abruptly over rough mountainous land, through dense cedar and pinon timber and scattering undergrowth of shadscale.
- 29.30 Spur, 150 ft. above cor., projects S.; descend abruptly.
- 27.40 Deep gulch, 280 ft. below spur, drains N. 70° E.; ascend abruptly.
- 34.50 Point of spur, 230 ft. above gulch, projects N.; descend gradually along steep N. slope of ridge.
- 40.00 On steep N. slope of ridge, 25 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 17 and 20, with a brass cap marked
- S17  
 $\frac{1}{4}$   
S20

1920
- From which
- A pinon, 6 ins. dia., bears N. 80° E., 20 lks. dist., marked  $\frac{1}{4}$  S17 BT.
  - A pinon, 6 ins. dia., bears S. 81° W., 17 lks. dist., marked  $\frac{1}{4}$  S20 BT.
- 51.50 Spur, 150 ft. above the  $\frac{1}{4}$  sec. cor., projects N.; descend abruptly.
- 64.90 Head of gulch, 190 ft. below spur, drains N.; ascend abruptly.
- 74.40 Top of sandstone ridge, 180 ft. above gulch, bears NE. and SW.; descend gradually.
- 80.00 The cor. secs. 16, 17, 20 and 21, 45 ft. below ridge.  
Land, rough and mountainous, broken by deep gulches and sandstone ledges.  
Soil, shallow red sandy loam, mixed with loose sandstone.  
Drainage, N., into Sulphur Creek.  
Undergrowth, scattering shadscale.  
Timber, dense cedar and pinon.  
Fair grazing on all of mile.

200

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

N. 89°55' E., on random line bet. secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

72.60 Intersect the N. and S. line, 2 lks. N. of the cor. secs. 15, 16, 21 and 22.

Thence,

S. 89°56' W., on true line bet. secs. 16 and 21.

Ascend abruptly over rough mountainous land, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

4.00 Top of rocky spur, projects S., 70 ft. above cor.; descend gradually.

10.20 Head of gulch, 40 ft. below spur, drains N. 70° E., ascend gradually.

18.30 Sandstone rim, 40 ft. above gulch, bears N. 10° E. and S. 10° W.; descend abruptly.

27.10 Deep rocky gulch, 75 ft. below rim, drains NE.; ascend gradually.

32.60 On gentle E. slope, 75 ft. above gulch, on solid sandstone. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 16 and 21, with brass cap marked.

$$\frac{S16}{\frac{1}{4}}$$

$$S21$$

1920

From which

A pinon, 6 ins. dia., bears N. 59° E., 55 lks. dist., marked  $\frac{1}{4}$  S16 BT.

A pinon, 8 ins. dia., bears S. 83° E., 110 lks. dist., marked  $\frac{1}{4}$  S21 BT.

42.30 One-wire telephone line from Torrey to Fruita, bears N. 80° E. and S. 80° W.

72.60 The cor. secs. 16, 17, 20 and 21, 350 ft. above the  $\frac{1}{4}$  sec. cor.

Land, rough and mountainous, broken by sandstone ledges and deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

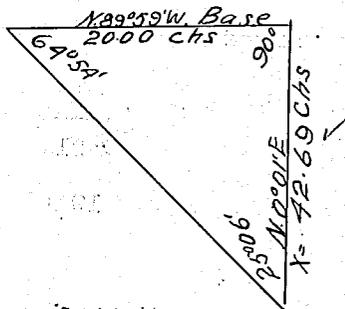
SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

Drainage, NE., into Sulphur Creek. . . . .  
 Undergrowth, scattering shadscale. . . . .  
 Timber, scattering cedar and pinon. . . . .  
 Fair grazing on all of mile. . . . .

From the cor. secs. 16, 17, 20 and 21. . . . .  
 N. 02°01' E., bet. secs. 16 and 17. . . . .  
 Descend gradually over rolling land, through scattering  
 cedar and pinon timber and scattering undergrowth of  
 shadscale. . . . .

5.00 Top of high sandstone rim, 20 ft. below cor., bears  
 NE. and SW.; perpendicular sandstone ledges make chain-  
 ing impracticable from this point, I therefore determin-  
 the distance by triangulation as follows. Set a flag  
 at this point and one on line to the N. at top of  
 sandstone rim. From latter flag, run a base line,  
 N. 89°59' W., 20.00 chs. dist., from this point, flag  
 at the 5.00 chs. point, subtends an angle of 64°54'.  
 All bearings checked by direct reading of the solar and  
 angles checked by deflection.



Distance by triangulation . . . . . 42.69 chs. ✓  
 Total dist. on line . . . . . 47.69 chs. ✓

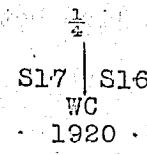
Approximate topography bet. points of triangulation.

25.00 Mouth of deep gulch, 420 ft. below top of rim, drains  
 NE., ascend abruptly.  
 28.00 Point of high sandstone spur, 175 ft. above gulch, project  
 NE.; descend abruptly.  
 40.00 Falls on inaccessible ledges, no cor. set  
 42.50 Sulphur Creek in deep box canyon, stream of alkali water  
 5 lks. wide, 2 ind. deep, 175 ft. below spur, course  
 E.; ascend abruptly

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

47.69 To point of triangulation at top of breaks on N. side of Sulphur Creek, 175 ft. above bottom, bears E. and W. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to solid rock and 20 ins. in a mound of stone, for  $\frac{1}{2}$  sec. cor. secs. 16 and 17, with a brass cap marked.



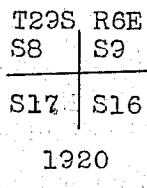
Raise a mound of stone, 8 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. No suitable bearing trees available. Descend gradually.

55.00 Gulch, 45 ft. below the  $\frac{1}{2}$  sec. cor., drains E.; ascend gradually.

70.00 Sandstone ridge, 70 ft. above gulch, bears E. and W.; descend abruptly.

79.00 Gulch, 120 ft. below ridge, drains E.; ascend gradually.

80.00 On N. side of gulch, 15 feet above bottom, on solid sandstone Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 8, 9, 16 and 17, with a brass cap marked.



- From which
- A cedar, 7 ins. dia., bears N. 7° E., 74 lks. dist., marked T29S R6E S9 BT.
  - A cedar, 8 ins. dia., bears S. 67° E., 33 lks. dist., marked T29S R6E S16 BT.
  - A pinon, 6 ins. dia., bears S. 9°30' W., 57 lks. dist., marked T29S R6E S17 BT.
  - A pinon, 8 ins. dia., bears N. 23° W., 51 lks. dist., marked T29S R6E S8 BT.

Land, rough and mountainous, broken by breaks of Sulphur creek.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS	<p>Soil, shallow red sandy loam, mixed with loose sandstone                      Drainage, E., by Sulphur Creek.                      Undergrowth, scattering shadscale.                      Timber, scattering cedar and pinon.                      Fair grazing on all of mile.</p>
	<p>West, on random line bet. secs. 8 and 17.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
80.02	<p>Intersect the N. and S. line, 5 lks. S. of the true                      position for cor. secs. 7, 8, 17 and 18.</p>
	<p>Thence                      S. <math>89^{\circ}58'</math> E., on true line bet. secs. 8 and 17.</p>
	<p>Descend abruptly over rough breaks of Sulphur Creek,                      through scattering cedar and pinon timber and scattering                      undergrowth of shadscale.</p>
5.50	<p>Sulphur Creek, stream of alkali water, 5 lks. wide, 2 ins                      deep, in box canyon, 120 ft. below true point for sec.                      cor., drains S. <math>80^{\circ}</math> E.; ascend abrupt N. breaks of                      canyon.</p>
15.00	<p>Top of abrupt ascent from canyon, 430 ft. above bottom,                      bears N. <math>80^{\circ}</math> W. and S. <math>80^{\circ}</math> E.; thence, ascend gradually</p>
31.00	<p>Spur, 75 ft. above top of ascent from canyon, projects                      S. <math>20^{\circ}</math> E.; thence over broken land.</p>
35.00	<p>Swale, 25 ft. below spur, drains S.; ascend gradually.</p>
40.01	<p>On gentle W. slope of spur, 35 ft. above swale.                      Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the                      ground to solid rock and 20 ins. in a mound of stone,                      for <math>\frac{1}{4}</math> sec. cor. secs. 8 and 17, with a brass cap marked.</p>
	<p style="text-align: center;"> <math>\frac{1}{4}</math> S8  <math>\frac{1}{4}</math> S17                      1920                 </p>
	<p>From which                      A pinon, 10 ins. dia., bears S. <math>71^{\circ}15'</math> W., 118 lks.                      dist., marked <math>\frac{1}{4}</math> S17 BT.                      A pinon, 8 ins. dia., bears N. <math>52^{\circ}30'</math> E., 104 lks.                      dist., marked <math>\frac{1}{4}</math> S8 BT.</p>

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

42.50 Sandstone spur, 25 ft. above the  $\frac{1}{4}$  sec. cor., projects SE.; descend gradually.

50.00 Gulch, 30 ft. below spur, drains S. 80° E.; ascend gradually.

54.75 Ridge, 45 ft. above gulch, bears S. 70° E. and N. 70° W.; descend gradually.

64.50 Gulch, 75 ft. below ridge, drains N. 10° E.; ascend gradually.

67.00 Spur, 50 ft. above gulch, projects S.; descend gradually.

79.50 Gulch, 165 ft. below spur, drains S. 80° E.; ascend gradually.

80.02 The cor. secs. 8, 9, 16 and 17, 10 ft. above gulch. Land, rough and mountainous, broken by sandstone ledges and deep gulches. Soil, shallow red sandy loam, mixed with loose sandstone. Drainage, S., into Sulphur Creek. Undergrowth, scattering shadscale. Timber, scattering cedar and pinon. Fair grazing on all of mile.

N. 89°56' E., on random line bet. secs. 9 and 16.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

72.56 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 9, 10, 11, 14 and 15. E.B.

Thence S. 89°58' W., on true line bet. secs. 9 and 16.

Descend abruptly over rough mountainous land, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

11.50 Road from Torrey to Fruita, bears S. 20° E. and N. 20° W.

30.50 Gulch, 260 ft. below cor.; drains SE.; ascend gradually.

32.56 On gentle E. slope, 45 ft. above gulch. Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 9 and 16, with a brass cap marked.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

From which

A pinon, 6 ins. dia., bears S. 15° W., 25 lks.  
dist., marked  $\frac{1}{4}$  S16 BT.

A pinon, 16 ins. dia., bears N. 70° W., 142 lks.  
dist., marked  $\frac{1}{4}$  S9 BT.

38.40 Sandstone rim on E. side of gulch, bears N. and S.

43.50 Deep rocky gulch, 150 ft. below the  $\frac{1}{4}$  sec. cor., drains  
N. 80° E.; ascend abruptly.

51.30 Spur, .75 ft. above gulch, projects S. 10° E.; descend  
gradually.

56.10 Gulch, 65 ft. below spur, drains SE.; ascend gradually.

72.56 The cor. secs. 8, 9, 17 and 16, 65 ft. above gulch.

Land, rough and mountainous, broken by deep gulches and  
sandstone ledges.

Soil, shallow red sandy loam, mixed with loose sandstone.

Drainage, SE., into Sulphur Creek.

Undergrowth, scattering shadscale.

Timber, scattering cedar and pinon.

Fair grazing on all of mile.

From the cor. secs. 8, 9, 16 and 17.

N. 0°-01' E., bet. secs. 8 and 9.

Ascend gradually over rough mountainous land, through  
scattering cedar and pinon timber and scattering under-  
growth of shadscale.

3.35 Sandstone break, 70 ft. above cor., bears NE. and SW.;  
descend abruptly.

12.10 Gulch, 75 ft. below sandstone breaks, drains E.; ascend  
abruptly.

12.50 Spur, 65 ft. above gulch, projects E.; descend gradually.

29.90 Gulch, 65 ft. below spur, drains N. 80° E.; ascend  
gradually.

40.00 On level top of ridge, 45 ft. above gulch, bears E. and

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the  
ground to solid rock and 10 ins. in a mound of stone,  
for  $\frac{1}{4}$  sec. cor. secs. 8 and 9, with a brass cap marked

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

$\frac{1}{4}$   
 S8 | S9  
 1920

From which

A pinon, 8 ins. dia., bears N. 60° E., 76 lks. dist., marked  $\frac{1}{4}$  S9 BT.

A pinon, 12 ins. dia., bears N. 52° W., 25 lks. dist., marked  $\frac{1}{4}$  S8 BT.

42.00 Sandstone rim, 45 ft. above the  $\frac{1}{4}$  sec. cor., bears E. and W.; descend gradually.

51.70 Gulch, 75 ft. below sandstone rim, drains S. 80° E.; ascend gradually.

55.20 Road, bears S. 80° E. to Fruita, Ut. and N. 80° W. to Torrey, Ut.

65.00 Point of red clay spur, 55 ft. above gulch, projects E.; descend gradually.

66.60 Gulch, 45 ft. below spur, drains SE.; ascend gradually.

80.00 At base of sandstone ledge, 150 ft. high and 55 ft. above gulch, bears SE. and NW.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 4, 5, 8 and 9, with brass cap marked.

T29S R6E  
 S5 | S4  
 S8 | S9  
 1920

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No suitable bearing trees available.

The line to the N. and E. of this cor., passes over high perpendicular sandstone ledges and box canyons and is unsurveyable.

Land, rough and mountainous, broken by sandstone ledges and deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone and streaks of hard red clay.

Drainage, SE.

Undergrowth, scattering shadscale.

Timber, scattering cedar and pinon. Fair grazing.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS	
	N. 89°58' W., on random line bet. secs. 5 and 8.
15.00	Perpendicular sandstone ledges, 150 ft. high, bearing NE. and SW., make chaining impracticable from this point. I therefore offset S. 0°02' W., 10.20 chs. Thence N. 89°58' W., on offset line.
40.00	Set temp. $\frac{1}{4}$ sec. cor. at base of perpendicular sandstone ledge. To avoid ledge, I offset as follows: S. 0°02' W. 3.10 chs.; thence N. 89°58' W., 3.60 chs.; thence travel N. 69°58' W., 38.78 chs., to a point 7 lks. S. of the cor. secs. 5, 6, 7 and 8. The true bearing of this mile is therefore N. 89°55' W., and the dist. is 80.04 chs. Thence
	From the cor. secs. 5, 6, 7 and 8.
	To avoid inaccessible sandstone ledges which bear S. 70° and N. 70° W.
	S. 70° E., on a traverse line along base of ledges through scattering cedar and pinon timber and scattering undergrowth of shadscale.
1.20	Head of small gulch, 30 ft. below sec. cor., drains NW.; ascend gradually.
5.00	Road, bears SE. to Fruita, Ut. and NW. to Torrey, Ut.
22.50	Low pass in ridge, 210 ft. above gulch, bears NE. and SW.; descend gradually.
25.10	Head of gulch, 60 ft. below pass, drains SE.; ascend gradually.
38.77	To a point 36.43 chs. E. and 13.26 chs. S. of the cor. secs. 5, 6, 7 and 8; offset N. 0°03' E., 3.00 chs. to base of same ledge. Thence S. 89°55' E., 3.58 chs. to a point 10.23 chs. S. 0°05' W. of the true point for the $\frac{1}{4}$ sec. cor. secs. 5 and 8.
	At this point, on steep E. slope, at foot of perpendicular sandstone ledges, 150 ft. high, bears NE. and SW.
	Set an iron post, 3 ft. long, 1 ins dia., 26 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 5 and 8, with brass cap marked.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

WC  
 S5  
 $\frac{1}{2}$   
 S87  
 1920

There being no bearing trees available for place for mound of stone N. of cor., I mark X B0 on ledge 30 ft. directly above cor.

Thence,

From this cor., S. 89°55' E., on offset line.

65.00 Offset 10.25 chs. N.; thence S. 89°55' E., on true line.

76.80 Gulch, 220 ft. below the witness  $\frac{1}{2}$  sec. cor., drains S. 20° E.; ascend gradually.

78.20 Spur, 45 ft. above gulch, projects S.; descend gradually.

80.04 The cor. secs. 4, 5, 8 and 9, 25 ft. below spur.

Land, rough and mountainous, broken by sandstone ledges.

Soil, shallow red sandy loam and blue clay.

Drainage, S. into Sulphur Creek.

Undergrowth, scattering shadscale and bunch grass.

Timber, scattering cedar and pinon.

Fair grazing on all of mile.

From the cor. secs. 3, 4, 33 and 34 on the S. bdy. of the township.

N. 0°02' E., bet. secs. 33 and 34.

Descend abruptly over rough mountainous land, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

7.10 Large gulch, 150 ft. below cor. drains NE.; ascend abruptly.

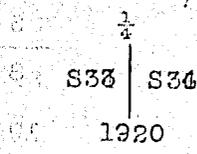
16.00 Ridge, 245 ft. above gulch, bears NE. and SW.; descend gradually.

40.00 On gentle NW. slope, 110 ft. below top of ridge, on solid sandstone.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for  $\frac{1}{2}$  sec. cor. secs. 33 and 34, with brass cap marked.

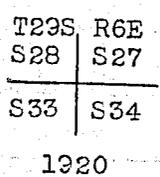
SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS



From which,

- A pinon, 6 ins. dia., bears N. 59° E., 18 lks. dist., marked 1/4 S34 BT.
- A pinon, 12 ins. dia., bears S. 60°30' W., 58 lks. dist., marked 1/4 S33 BT.
- 59.80 Gulch, 140 ft. below the 1/4 sec. cor., drains NE.; ascend abruptly.
- 77.10 Top of ridge, 305 ft. above gulch, bears NE. and SW.;
- 78.20 Head of swale, 20ft. below top of ridge, drains NE.; ascend abruptly.
- 80.00 On steep S. slope, 45 ft. above swale, on solid sandstone Set an iron post, 5 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 27, 28, 33 and 34, with brass cap marked.



From which

- A pinon, 8 ins. dia., bears N. 45° E., 52 lks. dist., marked T29S R6E S27 BT.
- A pinon, 6 ins. dia., bears S. 27°30' E., 68 lks. dist., marked T29S R6E S34 BT.
- A pinon, 6 ins. dia., bears S. 20°30' W., 44 lks. dist., marked T29S R6E S33 BT.
- A pinon, 10 ins. dia., bears N. 3° W., 68 lks. dist., marked T29S R6E S28 BT.
- Land, rough and mountainous, broken by deep gulches.
- Soil, shallow red sandy loam.
- Drainage, NE., into the Fremont River.
- Undergrowth, scattering shadscale.
- Timber, scattering cedar and pinon.
- Fair grazing on all of mile.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

West, on random line bet. secs. 28 and 33.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 28, 29, 32 and 33.

Thence

N.  $89^{\circ}58'$  E., on true line bet. secs. 28 and 33.

Ascend abrupt NE. slope of ridge, through dense cedar and pinon timber and scattering undergrowth of shadscale.

7.20 Top of ridge, 240 ft. above sec. cor., bears N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W.; descend gradually.

24.80 Gulch, 130 ft. below ridge, drains N.  $10^{\circ}$  E.; ascend gradually

28.10 Spur, 45 ft. above gulch, projects N.  $10^{\circ}$  E.; descend gradually.

40.02 On gentle SE. slope, 50 ft. below top of spur, on solid sandstone.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 28 and 33, with brass cap marked.

S28

S33

1920

From which,

A pinon, 10 ins. dia., bears S.  $69^{\circ}$  W., 10 lks. dist., marked  $\frac{1}{4}$  S33 BT.

A pinon, 10 ins. dia., bears N.  $20^{\circ}$  W., 25 lks. dist., marked  $\frac{1}{4}$  S28 BT.

Thence, descend abruptly.

63.50 Gulch, 330 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend abruptly.

68.70 Spur, 85 ft. above gulch, projects NE.; descend gradually.

80.04 The cor. secs. 27, 28, 33 and 34, 45 ft. below spur.

Land; rough and mountainous, broken by sandstone ledges and deep gulches.

Soil, shallow red sandy loam, mixed with loose sandstone.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

Drainage, NE., into the Fremont River.

Undergrowth, scattering shadscale.

Timber, dense cedar and pinon.

Fair grazing on all of mile.

East., on random line bet. secs. 27 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

72.62 Intersect the N. and S. line, 20 lks. S. of the cor. secs  
26, 27, 34 and 35, 2. 3. 4.

Thence

S.  $89^{\circ}50'$  W., on true line bet. secs. 27 and 34.

Ascend abruptly over rough broken land, through scattering  
cedar and pinon timber and scattering undergrowth of  
shadscale.

3.60 Top of red sandstone spur, 150 ft. above sec. cor.,  
projects S.; descend abruptly.

13.00 Gulch, 90 ft. below spur, drains S.  $80^{\circ}$  E.; ascend abruptly.

32.62 On gentle E. slope, 250 ft. above the  $\frac{1}{4}$  sec. cor., on  
solid sandstone.

Set an iron post, 3 ft. long, 1 in dia., 26 ins. in a  
mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 27 and 34, with  
brass cap marked.

S27

$\frac{1}{4}$  S34

1920

From which

A pinon, 9 ins. dia., bears N.  $14^{\circ}$  E., 50 lks.  
dist., marked  $\frac{1}{4}$  S27 BT.

A pinon, 8 ins. dia., bears S.  $82^{\circ}$  W., 25 lks.,  
dist., marked  $\frac{1}{4}$  S34 BT.

44.10 Ridge, 145 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.;  
descend abruptly.

52.30 Gulch, 210 ft. below ridge, drains N.  $10^{\circ}$  E., ascend  
abruptly.

66.10 Spur, 135 ft. above gulch, projects N.; descend abruptly.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

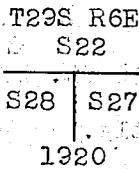
69.10 Gulch, 100 ft. below spur, drains NE.; ascend abruptly.  
 72.62 The cor. secs. 27, 28, 33 and 34, 210 ft. above the gulch.  
 Land, rough and mountainous, broken by deep gulches and sandstone ledges.  
 Soil, shallow red sandy loam, mixed with loose sandstone.  
 Drainage, NE., into the Fremont River.  
 Undergrowth, scattering shadscale.  
 Timber, scattering cedar and pinon.  
 Fair grazing on all of mile.

N. 0°02' E., on random line bet. secs. 27 and 28.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.30 Intersect the S. bdy. sec. 22, 7.34 chs. E. of the cor. secs. 21 and 22.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in a mound of stone, for cor. secs. 27 and 28 only, with a brass cap marked.



From which

A pinon, 6 ins. dia., bears S. 74° W., 29 lks. dist., marked T29S R6E S28 BT.

No other suitable bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Thence

S. 0°02' W., on true line bet. secs. 27 and 28.

Ascend abruptly from cor. which is at base of sandstone ledge, through scattering cedar and pinon timber and scattering undergrowth of shadscale.

.30 Top of sandstone ledge, 35 ft. above cor., bears E. and W.; ascend gradually.

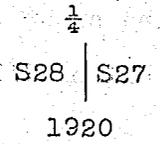
5.00 Spur, 75 ft. above top of ledge, projects NE.; descend abruptly.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

- 13.20 Gulch, 150 ft. below spur, drains NE.; ascend abruptly.
- 25.30 Spur, 250 ft. above gulch, projects NE.; descend gradually
- 40.15 On gentle S. slope, 45 ft. below top of spur, proportions measurement.

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to solid rock and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 27 and 28, with a brass cap marked



From which  
 A pinon, 12 ins. dia., bears N. 88° E., 81 lks. dist., marked  $\frac{1}{4}$  S27 BT.  
 A pinon, 8 ins. dia., bears S. 30° 30' W., 56 lks. dist., marked  $\frac{1}{4}$  S28 BT.

- 43.00 Draw, 50 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 30° E.; ascend gradually.
- 51.00 Top of ridge, 75 ft. above draw, bears NE. and SW.; descend abruptly.
- 64.80 Large gulch, 240 ft. below ridge, drains N. 15° E.; ascend abruptly.
- 72.80 Top of sandstone breaks, 235 ft. above gulch, bears N. 70° E. and S. 70° W.; descend abruptly.
- 80.30 The cor. secs. 27, 28, 33 and 34, 325 ft. below breaks. Land, rough and mountainous, broken by deep gulches and sandstone ledges. Soil, shallow red sandy loam, mixed with loose sandstone. Drainage, NE., into the Fremont River. Undergrowth, scattering shadscale. Timber, scattering cedar and pinon. Fair, grazing on all of mile.

From the cor. secs. 21 and 22.  
 Being able to see the cor. secs. 20, 21, 28 and 29. S. 89° 55' W., on true line bet. secs. 21 and 28. Ascend abruptly over rough mountainous land, through

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

scattering cedar and pinon timber and scattering undergrowth of shadscale.

9.10 Top of high ridge, 325 ft. above sec. cor., bears NE. and SW.; descend abruptly over broken sandstone ledges.

16.00 Deep rocky gulch, 250 ft. below ridge, drains NE.; ascend abruptly over sandstone ledges.

32.66 Easting of 40.00 chs. from the cor. secs. 20, 21, 28 and 29, falls on perpendicular sandstone ledges where it is impossible to set an iron post; I therefore, on a stationary sandstone boulder, 4 ft. high, 12 ft. long, 6 ft. wide, mark on S. face at exact cor. point cross (X) for  $\frac{1}{4}$  sec. cor. and  $\frac{S21}{S28}$

1920

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, on top of boulder, N. of cor.

No suitable bearing trees available.

Continue abrupt ascent over sandstone ledges.

47.40 Top of high rocky ridge, 450 ft. above the  $\frac{1}{4}$  sec. cor., bears NE. and SW. As the  $\frac{1}{4}$  sec. cor. comes on a nearly inaccessible ledge, at this point.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 21 and 28, with a brass cap marked.

$\frac{S21}{S28}$  WC

1920

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

No suitable bearing trees available.

Descend abruptly.

52.70 Head of gulch, 250 ft. below ridge, drains N.; ascend abruptly.

55.90 Point of rocky spur, 210 ft. above gulch, projects N.; descend abruptly.

62.70 Gulch, 150 ft. below spur, drains N.; ascend abruptly.

SUBDIVISION OF T. 29 S., R. 6 E.

CHAINS

72.56 The cor. secs. 20, 21, 28 and 29, 80 ft. above gulch.  
 Land, rough and mountainous, broken by deep gulches and sandstone ledges.  
 Soil, shallow red sandy loam, mixed with loose sandstone.  
 Drainage, NE. and N. into the Fremont River.  
 Undergrowth, scattering shadscale and bunch grass,  
 Timber, scattering cedar, and pinon.  
 Fair grazing on all of mile.

BOUNDARIES OF T. 29 S., R. 6 E.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Line designated	True bearing	Distances	Latitudes		Departures	
			N.	S.	E.	W.
			chs.	chs.	chs.	chs.
S. bdy. tp.	West	312.60	.....	.....	.....	312.60
W. bdy. tp.	North	464.34	464.34	.....	.....	.....
N. bdy. sec. 6.	East	80.00	.....	.....	80.00	.....
E. bdy. sec. 6.	South	64.30	.....	64.30	.....	.....
N. bdy. sec. 8.	S. 89°55' E.	80.04	.....	12	80.04	.....
E. bdy. sec. 8.	S. 0°01' W.	80.00	.....	80.00	.....	.....
N. bdy. sec. 16.	N. 89°58' E.	72.56	.....04	.....	72.56	.....02
E. bdy. sec. 16.	S. 0°02' E.	9.00	.....	9.00	.....01	.....
E. bdy. sec. 16.	S. 0°10' W.	71.00	.....	71.00	.....	.....21
E. bdy. sec. 21.	S. 0°02' E.	80.00	.....	80.00	.....05	.....
S. bdy. sec. 22.	East	80.00	.....	.....	80.00	.....
N. 1/2 mile,						
E. bdy. sec. 27.	S. 0°10' E.	40.23	.....	40.23	.....12	.....
S. 1/2 mile,						
E. bdy. sec. 27.	S. 0°02' E.	40.23	.....	40.23	.....11	.....
E. bdy. sec. 34.	S. 0°07' E.	80.40	.....	80.40	.....16	.....
Convergency		.....			.....27	.....
Totals			464.38	465.28	313.32	312.83
Errors in latitudes and departures				000.90	000.49	3

GENERAL DESCRIPTION OF T. 29 S., R. 6 E.

The land embraced in this township, consists of the north end of the Miner's Mountain and a portion of the Circle Cliffs. It is very rough and mountainous, broken by sandstone ledges and deep gulches and canyons. The largest of these canyons are the ones which the Fremont River and Sulphur Creek flow through and range from 1100 ft. to 400 ft. in depth, with inaccessible sandstone breaks on each side.

## GENERAL DESCRIPTION OF T. 29 S., R. 6 E.

The soil is a very shallow red sandy loam, with very little moisture, underlain with solid red sandstone.

The township is covered with a medium dense growth of cedar and pinon timber and scattering undergrowth of shadscale. The timber in the SW. portion is more dense than that in the remainder of the township.

The water supply consists of Sulphur Creek and the Fremont River. Sulphur Creek is a stream of alkali water of about  $\frac{1}{2}$  second foot per second. This stream enters the township on the W. bdy. sec. 7, and flows in a southeasterly direction and empties into the Fremont River in sec. 14. The Fremont River is a stream of good clear water of about 50 second feet per second. This stream enters the township on the W. bdy. sec. 30, and flows in an easterly direction through the township. A portion of the water from these streams is used for irrigation in the town of Fruita, which is located in sec. 14 and the adjoining secs.

The only portion of the township that I survey being farmed is about 10 acres along the bottom of the Fremont River in sec. 21. No settlers were on this portion of the township. The portion of the township which I survey is suitable for winter grazing for stock, it being too dry for this purpose during the summer months.

Small indications of oil shale and sulphur were the only indications of mineral found and these were found throughout the township.

No magnetic declination was taken on account of a defective needle.

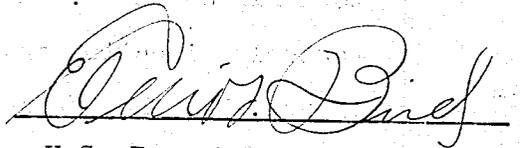
The survey of secs. 1, 2, 3, 4, 5, 9, 10, 11, 12, 13, N.  $\frac{1}{2}$  sec. 14 and the NE.  $\frac{1}{4}$  sec. 24, was eliminated from this survey on account of impassable ledges and deep box canyons. After careful investigation of the country and attempts to find routes to ascend the ledges, I was compelled to abandon the survey as no route could be found.

WATER LOCATIONS IN T. 29 S., R. 6 E.

CHAINS

Fremont River; N.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of sec. 30, N.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$ , E.  $\frac{1}{2}$  of the NW.  $\frac{1}{2}$ , and the NW.  $\frac{1}{2}$  of the NE.  $\frac{1}{4}$  of sec. 29 and the N.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of sec. 21.

Sulphur Creek; SW.  $\frac{1}{4}$  and the S.  $\frac{1}{2}$  of the SE.  $\frac{1}{2}$  of sec. 7, SW.  $\frac{1}{2}$  of the SW.  $\frac{1}{2}$  of sec. 8, NW.  $\frac{1}{2}$  and the S.  $\frac{1}{2}$  of the NE.  $\frac{1}{2}$  of sec. 17 and the S.  $\frac{1}{2}$  of the N.  $\frac{1}{2}$  of sec. 16.



U.S. Transitman.

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Verdin John	1 st. chairman
Taylor Thornton	2 nd. chairman
Amos Dallin	2 nd. chairman
Carter Dutton	Flagman
Otis Dyer	Cornerman
Othell Bird	Cornerman
Bertrum Dallin	Axeman

CERTIFICATE OF UNITED STATES SURVEYOR

TRANSITMAN

I, Elliot Bird, U.S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 16th day of January, 1919, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, retraced, resurveyed, and surveyed all those parts or portions of South boundary,

west boundary, north boundary and subdivision of T. 29 S., R. 6 E.

of the Salt Lake

Base and Meridian, in the State of Utah, which are represented

and date diagram on dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction, and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes

such survey.

Salt Lake City, Utah, January 14, 1921.

Signature of Elliot Bird, U.S. Surveyor, Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Oct. 27, 1921

The foregoing field notes of the survey of retracement, resurvey, and survey of the west boundary; survey of part of the south boundary and a part of the north boundary; and the retracement, resurvey, and survey of the subdivisional lines of part of Township No. 29 South, Range No. 6 East, of the Salt Lake Base and Meridian, Utah;

executed by Elliot Bird

under his special instructions dated January 16, 1919, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Signature of U.S. Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

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BOOK A-449

A

# FIELD NOTES

OF THE SURVEY OF THE

RESURVEY OF THE WEST BOUNDARY OR GREEN RIVER GUIDE MERIDIAN,

AND

SURVEY OF THE EAST AND NORTH BOUNDARIES AND SUBDIVISION

OF

TOWNSHIP NO. 15 SOUTH, RANGE NO. 31 EAST

Of the SALT LAKE BASIN AND Meridian,

the State of UTAH

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER

AND

JAMES R. QUIGLEY, U. S. TRANSITMAN

in the capacity of U. S. Surveyor..., under Special Instructions dated Feb. 25 1919, 1919,

issued by the United States Surveyor General to govern surveys included in Group

79, which were approved by the Commissioner of the General Land

Office, April 5, 1919, and Assignment Instructions dated May 26 1920, 1919.

Survey commenced June 8, 1920, 1919

Survey completed September 30, 1920, 1919



4-679 b

# INDEX DIAGRAM.

Township 15 S, Range 21 E

	<del>309</del>	<del>308</del>	<del>307</del>	<del>306</del>	<del>304</del>	<del>304</del>	<del>303</del>
290	8 317	5 356	4 344	3 329	2 321	1 312	
292	316	315	315	313	311	310	
290	7 313	8 354	9 341	10 330	11 319	12 300	
293	311	310	303	310	309	318	
291	18 318	17 332	16 329	15 328	14 317	13 299	
294	317	316	311	308	307	316	
291	19 314	20 350	21 351	22 327	23 315	24 298	
	313	312	319	316	315	314	
30	311	29 317	28 305	27 305	26 313	25 297	
360	318	316	314	314	314	312	
31	317	32 315	33 332	34 322	35 310	36 295	

T. 15 S., R.21 E.

DATE DIAGRAM T.15 S., R.21 E.

8-13-20

8-18-20	8-19-20	8-19-20	8-19-20	8-19-20	8-19-20	8-19-20
8-19-20 9-30-20 8-25-20	8-17-20 8-17-20 8-24-20	8-16-20 8-16-20 8-16-20	8-14-20 7-1-20 8-16-20	8-14-20 7-1-20 7-1-20	8-12-20 6-30-20 6-25-20	6-25-20
8-19-20 9-30-20 8-24-20	8-12-20 8-12-20 8-23-20	8-12-20 7-7-20 8-12-20	7-3-20 6-28-20 6-25-20	11 6-29-20 6-26-20	8-30-20 6-29-20 6-29-20	6-25-20
8-19-20 9-30-20 8-11-20	8-23-20 17 8-11-20	8-12-20 16 6-26-20	7-2-20 15 6-24-20	14 6-23-20 6-23-20	6-26-20 6-23-20 6-23-20	6-24-20
8-19-20 8-2-20 8-10-20	20 8-10-20 6-26-20	21 6-19-20 6-23-20	22 6-18-20 6-21-20	23 6-16-20 6-21-20	6-19-20 6-19-20 6-19-20	6-24-20
30 6-15-20 6-15-20	29 6-14-20 6-19-20	28 6-12-20 6-16-20	27 6-10-20 6-18-20	26 6-8-20 6-21-20	6-16-20 6-12-20 6-19-20	6-19-20
31 6-14-20 6-15-20	32 6-11-20 6-12-20	33 6-10-20 6-10-20	34 6-9-20 6-10-20	35 6-8-20 6-9-20	6-8-20 6-11-20 6-12-20	6-12-20

Lines dated and colored with black ink were surveyed by

Andrew Nelson, U. S. Cadastral Engineer.

Lines dated and colored with red ink were surveyed by

James P. Quigley, U. S. Transitman.

## TEST OF INSTRUMENTS.

Survey commenced June 8, 1920 and executed with Young and Sons Light Mountain Transits Nos. 8520 and 8534, equipt with Smith solar attachment and full vertical circles. The horizontal limbs are provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

The instruments were approved for use in this survey by the Assistant Supervisor of Surveys for Utah in assignment instructions dated May 26, 1920.

We examine the adjustments of the transits and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, we proceed as follows:

June 13, 1920: At camp near the standard cor. of secs. 34 and 35, T.15 S., R.21 E., approximate latitude  $39^{\circ}28'N.$ , longitude  $109^{\circ}34'W.$ , at 2h. 09.9 m.a.m.l.m.t., I (Andrew Nelson, U.S. Cadastral Engineer) observe Polaris at eastern elongation, making six observations three each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a hub, set firmly in the ground about 10 chs. N. of my station.

Azimuth of Polaris at eastern elongation =  $1^{\circ}27'49''$   
 At 7h.30 m. a.m. apparent time, I lay off the azimuth of Polaris,  $1^{\circ}28'W.$  and note a tree in the true meridian about  $\frac{1}{2}$  mile North.

TEST OF TRANSIT NO. 8520 USED BY  
 ANDREW NELSON, U.S. CADASTRAL ENGINEER.

At 8h. a.m. apparent time, I set off  $39^{\circ}28'$  on the lat. arc;  $23^{\circ}14'N.$ , on the declination arc; and determine a meridian with the solar and find that the tree bears  $N.0^{\circ}01'W.$

## TEST OF INSTRUMENTS

At apparent noon, with  $39^{\circ}28'$  set off on the latitude arc, I observe the sun on the meridian, the reading of the declination arc is  $23^{\circ}14'N$ .

At 4h.p.m. apparent time, I set off  $39^{\circ}28'$  on the lat. arc;  $23^{\circ}15'N$ , on the declination arc; and determine a meridian with the solar and find that the tree bears North.

## MERIDIAN OBSERVATION OF THE SUN FOR APPARENT NOON.

At the same station I make a meridian observation of the sun for apparent noon:

Watch time of observation = 12 h. 04m. 50s. p.m.

Watch fast of l.m.t. = 05m. 03s.

## TEST OF TRANSIT NO. 8534 USED BY JAMES P. QUIGLEY, U. S. TRANSITMAN.

At 8h. 30m. a.m. apparent time, I set off  $39^{\circ}28'$  on the lat. arc;  $23^{\circ}14'N$ , on the declination arc; and determine a meridian with the solar and note that the tree bears North.

At apparent noon, with  $39^{\circ}28'$  set off on the latitude arc; I observe the sun on the meridian, the reading of the declination arc is  $23^{\circ}14'$

At 4h.30m.p.m. apparent time, I set off  $39^{\circ}28'$  on the lat. arc;  $23^{\circ}15' N$ , on the decl. arc; and determine a meridian with the solar and note that tree bears North.

The above tests, together with other tests of the solar apparatus at all hours of the day suitable for solar observations give results that practically agree with the meridian as established by observations made on Polaris, we therefore conclude that the instruments are in good adjustment.

The instruments were kept in good adjustment during the progress of the survey, frequent tests being made on true meridians determined by observations made on Polaris.

For complete description of the tests of the instruments at approximate date of completion of this survey, see

RETRACEMENT AND RESURVEY W. BDY. OR GREEN RIVER GUIDE MERIDIAN

CHAINS

survey of T.16 S., R.21 E. of this group.

MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 and 8 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

RETRACEMENT AND RESURVEY W. BDY. OR GREEN RIVER GUIDE MERIDIAN.

I begin at the cor. of Tps. 14 and 15 S., Rs. 20 and 21 E. which is a limestone, 16 x 14 x 3 ins., firmly set in the ground, and marked and witnessed as described by the surveyor general.

Thence

South, on retracement line bet. secs. 1 and 6.

40.07 Fall 47 lks. E. of the 1/2 sec. cor. hereinafter described.

The bearing of this 1/2 mile is S.0°40'W., and the distance is 40.07 chs.

From point 47 lks. E. of 1/2 sec. cor., continue South.

80.47 Fall 19 lks. W. of the cor. of secs. 1,6,7 and 12 hereinafter described.

The bearing of this 1/2 mile is S.0°56'E., and the distance is 40.41 chs.

From the cor. of secs. 1,6,7 and 12.

South, on retracement line bet. secs. 7 and 12.

40.00 No trace of the old 1/4 sec. cor. can be found.

79.26 Fall 53 lks. E. of the cor. of secs. 7,12,13 and 18 hereinafter described.

The bearing of this mile is S.0°23'W. and the proportional distance for each 1/2 mile is 39.63 chs.

RETRACEMENT AND RESURVEY W. BDY. OF GREEN RIVER. GUIDE MERIDIAN.

CHAINS

From the cor. of secs. 7, 12, 13 and 18.

South, on retracement line bet. secs. 13 and 18.

40.00 No trace of the  $\frac{1}{4}$  sec. cor. can be found.

79.56 Fall 1.48 chs. E. of the cor. of secs. 13, 18, 19 and 24 hereinafter described.

The bearing of this mile is S.1°04'W., and the proportionate distance for each  $\frac{1}{2}$  mile is 39.78 $\frac{1}{2}$  chs.

From the cor. of secs. 13, 18, 19 and 24

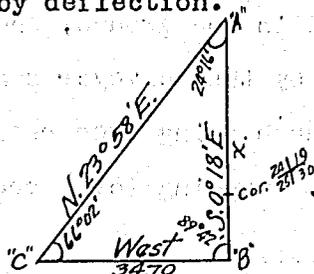
South, on retracement line bet. secs. 19 and 24.

23.80 Fall 92 lks. W. of the witness cor. to the  $\frac{1}{2}$  sec. cor., which is a sandstone slab, 4 ft. x 8 ins. x 4 ins., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

The bearing of this fractional  $\frac{1}{2}$  mile is S.2°13'E., and the distance is 23.82 chs.

From the witness cor. to the  $\frac{1}{2}$  sec. cor., the cor. of secs. 19, 24, 25 and 30 is visible and bears S.0°18'E. It is impracticable to chain south from this witness cor. on account of high ledges and breaks of Dry Gulch, I therefore triangulate as follows:

Erect flag "A" at witness cor. to  $\frac{1}{2}$  sec. cor. and then proceed to cor. of secs. 19, 24, 25 and 30. Being unable to secure a base line of suitable length at this point I measure S.0°18'E. from cor. of secs. 19, 24, 25 and 30, 21.09 chs. to point "B"; then measure base line "BC" West, 34.70 chs. The line "AC" bears N.23°58'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance of line "AB" ..... 77.15 chs.  
Return measurement to sec. cor. . . . . 21.09 chs.

Distance bet. W.C.  $\frac{1}{4}$  sec. cor. and cor. of secs. 19, 24, 25 and 30 ..... 56.06 chs.

39.94 Point for  $\frac{1}{4}$  sec. cor. Cor. not set.

RETRACEMENT AND RESURVEY OF W. BDY. OF GREEN RIVER. GUID

CHAINS	
79.83	<p>Intersect the cor. of secs. 19, 24, 25 and 30 which is a sandstone, 24 x 12 x 4 ins., firmly set in the ground, and marked and witnessed as described by the surveyor general.</p> <p>The bearing of this <math>\frac{1}{2}</math> mile is S.0°18'E., and the distance is 56.06 chs.</p>
17.80	<p>From the cor. of Tps. 14 and 15 S., Rs. 20 and 21 E. S.0°40'W., on resurvey line bet. secs. 1 and 6. Over rolling mesa through undergrowth of sagebrush. Trail, bears NE. and SW.</p>
31.60	<p>Low ridge, bears E. and W.; W. edge of cedar and pinon timber, bears NE. and S.20°E.</p>
34.40	<p>Enter timber, bears NE. and SW.</p>
36.00	<p>Leave timber, bears NW. and SE.</p>
38.94	<p>Northing of 40.00 chs. from closing cor. of secs. 6 and 7, T.15 S., R.21 E.</p> <p>Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for <math>\frac{1}{2}</math> sec. cor. W. bdy. sec. 6, with brass cap marked</p>
	<p style="text-align: center;">186 1920</p>
	<p>From which</p>
	<p>A cedar, 14 ins.diam., bears N.66<math>\frac{3}{4}</math>°E., 130 lks. dist., marked <math>\frac{1}{2}</math> S 6 B T</p>
	<p>A pinon, 20 ins.diam., bears S.82<math>\frac{1}{2}</math>°E., 183 lks. dist., marked <math>\frac{1}{2}</math> S 6 B T</p>
40.07	<p>The old <math>\frac{1}{2}</math> sec. cor. which is a limestone, 16 x 8 x 4 ins., firmly set in the ground, and marked and witnessed as described by the surveyor general.</p>
	<p>I destroy the bearing tree reported in old notes and leave cor. standing for <math>\frac{1}{2}</math> sec. cor. sec. 1.</p>
	<p>Thence S.0°56'E., with continuous measurement.</p>
48.00	<p>Enter timber, bears N.70°E. and SW.; descend abruptly.</p>
52.80	<p>Head of gulch, 130 ft. below <math>\frac{1}{2}</math> sec. cor., drains SE; ascend.</p>

RETRACEMENT AND RESURVEY W. BDY. FOR GREEN RIVER GUIDE MERIDIAN

CHAINS

- 55.85 Point, 130 ft. above gulch, projects E. about 3 chs.; descend.
  - 57.10 Head of gulch, 80 ft. below point, drains NE.; ascend over broken bench land 125 ft. to
  - 78.95 Closing cor. of secs. 6 and 7, T.15 S., R.21 E. subsequently set at this point.
  - 80.48 The cor. of secs. 1,6,7 and 12 which is a sandstone, 20 x 10 x 8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general. I destroy the two bearing trees pertaining to secs. 6 and 7 and leave cor. standing for cor. of secs. 1 and 12, T.15 S., R.20 E.
- Land, rolling benches, broken by gulches draining E.  
 Soil, brown sandy loam, sandstone and limestone rock.  
 Timber, pinon and cedar.  
 Undergrowth, sagebrush and grass.  
 Good grazing land.

S.0°23'W., on resurvey line bet. secs. 7 and 12.  
 Over rolling bench land through scattering cedar and pinon timber and undergrowth of sagebrush. Gradually ascend.

- 10.10 Leave timber, bears NW. and SE.
- 22.15 Low ridge, 40 ft. above cor., bears E. and W.; enter timber, bears N.70°E. and NW. Descend.
- 31.25 Rim of gulch, bears N.70°W. and S.80°E.
- 34.85 Gulch, 150 ft. deep, drains E.; ascend.
- 38.45 Point midway bet. the closing cor. of secs. 6 and 7 and closing cor. of secs. 7 and 18, T.15 S., R.21 E. Set a sandstone, 24 x 12 x 4 ins., 18 ins. in the ground for  $\frac{1}{2}$  sec. cor. W. bdy. sec. 7, marked  $\frac{1}{2}$  on E. face, ( iron posts not available). From which  
 A pinon, 12 ins. diam., bears N.88°E., 10 lks. dist., marked  $\frac{1}{2}$  S 7 B T  
 No other tree available.

## RETRACEMENT AND RESURVEY W. BDY. OF GREEN RIVER GUIDE

CHAINS	
39.63	<p>Raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, E. of cor.</p> <p>Proportionate measurement</p> <p>Set a sandstone, 22 x 10 x 8 ins., 16 ins. in the ground for <math>\frac{1}{2}</math> sec. cor. E. bdy. sec. 12, marked <math>\frac{1}{2}</math> on W. face, (no iron post available).</p> <p>From which</p> <p>A pinon, 12 ins. diam., bears N. <math>75\frac{1}{2}^{\circ}</math> W., 24 lks. dist., marked <math>\frac{1}{2}</math> S 12 B T</p> <p>No other suitable tree available.</p>
43.60	<p>Raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Rim of gulch, 140 ft. above bottom, bears N. <math>60^{\circ}</math> W. and S. <math>70^{\circ}</math> E.; gradually ascend over bench.</p>
49.90	<p>Leave timber, bears N. <math>70^{\circ}</math> W. and SE.</p>
69.75	<p>Low ridge, 60 ft. above rim, bears N. <math>70^{\circ}</math> E. and SW.; strip of timber about 1 ch. wide on top of ridge. Gradually descend.</p>
78.43	<p>Closing cor. of secs. 7 and 18, T.15 S., R.21 E. subsequently set at this point.</p>
79.26	<p>The cor. of secs. 7, 12, 13 and 18 which is a limestone 17 x 12 x 3 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general. This cor. now refers to secs. 12 and 13, T.15 S., R.20 E.</p> <p>Land, rolling bench, broken by gulches draining E.</p> <p>Soil, brown sandy loam and sandstone rock.</p> <p>Timber, scattering patches of pinon and cedar.</p> <p>Undergrowth, black sage and grass.</p> <p>Good grazing land.</p>
11.80	<p>S. <math>1^{\circ}04'</math> W., on resurvey line bet. secs. 13 and 18.</p>
24.50	<p>Gradually descend over rolling bench land through undergrowth of sagebrush.</p>
11.80	<p>Enter cedar and pinon timber, bears NE. and SW.</p>
24.50	<p>Rim of gulch, bears N. <math>70^{\circ}</math> E. and S. <math>60^{\circ}</math> W.; descend.</p>
39.36	<p>385 ft. below rim on general SE. slope.</p> <p>Set a limestone, 36 x 10 x 3 ins., 27 ins. in the ground for <math>\frac{1}{2}</math> sec. cor. W. bdy. sec. 18, marked <math>\frac{1}{2}</math> on E. face, (iron post not available).</p>

RETRACEMENT AND RESURVEY OF W. BDY. OR GREEN RIVER GUIDE MERIDIAN.

CHAINS

From which

A pinon, 14 ins.diam., bears N.26 $\frac{1}{2}$ °E., 41 lks.  
dist., marked  $\frac{1}{2}$  S 18 B T

No other trees available.

Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$  ft.high, E. of cor.

39.78 $\frac{1}{2}$

Proportionate measurement.

Set a limestone, 10 x 10 x 5 ins., 6 ins. in the ground  
for  $\frac{1}{2}$  sec. cor. sec. 13, marked  $\frac{1}{2}$  on W. face, ( iron  
post not available).

*Dist. for  
sec. 13  
from 244*

From which

A pinon, 12 ins.diam., bears S.53 $\frac{1}{2}$ °W., 49 lks.  
dist., marked  $\frac{1}{2}$  S 13 B T

No other suitable tree available.

Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$  ft.high, W. of cor.

57.00

Gulch, 660 ft. deep, drains SE.; ascend abruptly.

75.00

Top of ascent on E. slope, 420 ft. above gulch; descend.

79.57

The cor. of secs. 13,18,19 and 24, which is a sandstone,  
. 18 x 12 x 5 ins., above ground, firmly set, and marked  
and witnessed as described by the surveyor general.

Land, high bench, broken by deep gulches draining E.

Soil, shallow brown sandy loam, sandstone and limestone

rock. Soil is very rocky on slopes of gulches.

Timber, cedar, pinon and scattering red pine.

Undergrowth, sagebrush and grass.

Good grazing land.

EAST BOUNDARY T.15 S., R.21 E.

From the standard cor. of T. 15. S.; Rs 21 and 22 E.,

which is an iron post, 3 ins. diam., firmly set in the  
ground and large mound of stone, marked and witnessed

as described by the surveyor general.

North, bet. secs. 31 and 36.

Over rough mountainous land through pinon, cedar and  
spruce timber. Descend along W. slope.

EAST BOUNDARY T.15 S., R.21 E.

CHAINS

- 14.70 Gulch, 320 ft. below cor., drains SW.; ascend abruptly.
- 17.20 Spur, 20 ft. above gulch, projects SW.; descend.
- 23.80 Gulch, 100 ft. below spur, drains SW.; ascend.
- 40.00 On S. slope 190 ft. above gulch.  
 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in  
 the ground on solid rock and 20 ins. in a mound of  
 stone for  $\frac{1}{4}$  sec. cor., with brass cap marked  
 $\frac{1}{4}$   
 S36 | S31  
 1920  
 From which  
 A pinon, 9 ins.diam., bears N.65 $\frac{1}{2}$ °E., 37 lks.  
 dist., marked  $\frac{1}{4}$  S 31 B T  
 A pinon, 14 ins.diam., bears N.81°W., 16 lks.  
 dist., marked  $\frac{1}{2}$  S 36 B T  
 47.70 Flat spur, 70 ft. above  $\frac{1}{4}$  sec. cor., projects SW.; thence  
 across top of spur.  
 52.50 Leave top, bears NE. and SW.; gradually descend.
- 76.10 Begin abrupt descent, bears N.80°E. and S.40°W.
- 80.00 On steep N. slope 100 ft. below spur.  
 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.  
 in the ground for cor. of secs. 25, 30, 31 and 36, with  
 brass cap marked  
 T15 S R 21 E S 30 B T  
 S25 | S30  
 S36 | S31  
 1920  
 From which  
 A spruce, 8 ins.diam., bears N.48 $\frac{1}{2}$ °E., 13 lks.  
 dist., marked T 15 S R 21 E S 30 B T  
 A red pine, 24 ins.diam., bears S.12°E., 53 lks.  
 dist., marked T 15 S R 22 E S 31 B T  
 A spruce, 7 ins.diam., bears S.57 $\frac{1}{2}$ °W., 14 lks.  
 dist., marked T 15 S R 21 E S 36 B T  
 A spruce, 6 ins.diam., bears N.23°W., 20 lks.  
 dist., marked T 15 S R 21 E S 25 B T

CHAINS

Land, rough mountains; general SW. exposure and drainage.  
Soil, shallow brown sandy loam, sandstone rock and limestone shale rock.

Timber, cedar, pinon, spruce and red pine.

Undergrowth, sagebrush and grass.

Good grazing land.

North, bet. secs. 25 and 30.

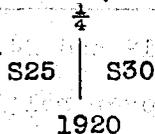
Over mountainous land through dense cedar and pinon, scattering spruce and pine timber. Very little undergrowth. Descend.

1.00 Gulch, 20 ft. below cor., drains W. about 3 chs. to large gulch, thence S.30°W.; ascend.

17.85 Head of canyon, drains S.30°W.; continue ascent.

32.70 Ridge, 150 ft. above gulch, bears E. and N.80°W.; leave dense and enter scattering timber bears with ridge. Gradually descend N. slope.

40.00 On gentle NE. slope in head of swale, drains N.20°E. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



From which

A pinon, 15 ins.diam., bears S.49 $\frac{1}{2}$ °E., 271 lks.  
dist., marked  $\frac{1}{4}$  S 30 B T

A cedar, 14 ins.diam., bears N.38°W., 154 lks.  
dist., marked  $\frac{1}{4}$  S 25 B T

61.80 Enter dense timber, bears N.70°W. and S.70°E.

67.90 Gulch, 35 ft. below  $\frac{1}{4}$  sec. cor., drains NW.; gradually ascend.

75.90 Leave timber, enter opening near W. end of same, bears E. and W.

80.00 In N. edge of opening.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 19,24,25 and 30, with

EAST BOUNDARY T.15 S., R.21 E.

CHAINS

brass cap marked

T15S	
R21E	R22E
S24	S19
S25	S30
1920	

From which

A cedar, 20 ins.diam., bears N.31 $\frac{3}{4}$ °E., 18 lks.  
dist., marked T 15 S R 22 E S 19 B T

A cedar, 10 ins.diam., bears S.2 $\frac{1}{2}$ °E., 462 lks.  
dist., marked T 15 S R 22 E S 30 B T

A cedar, 10 ins.diam., bears S.13 $\frac{3}{4}$ °W., 121 lks.  
dist., marked T 15 S R 21 E S 25 B T

A pinon, 14 ins.diam., bears N.14°W., 114 lks.  
dist., marked T 15 S R 21 E S 24 B T

Land, rough mountainous on south portion, broken bench on N. portion of mile. General N. and S. exposure and drainage from ridge at 32.70 chs.

Soil, brown sandy loam, sandstone and limestone shale rock

Timber, cedar, pinon, scattering spruce and yellow pine.

Undergrowth, scattering sagebrush and brigham-tea.

Good grazing land.

North, bet. secs. 19 and 24.

Gradually descend over rolling bench land through dense cedar and pinon and scattering yellow pine timber and undergrowth of sagebrush.

4.35 Small gulch, drains NW.

23.05 Gulch, 70 ft. deep, drains N.60°W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	
S24	S19
1920	

From which

A pinon, 22 ins.diam., bears S.63 $\frac{1}{2}$ °E., 14 lks.  
dist., marked  $\frac{1}{4}$  S 19 B T

A pinon, 24 ins.diam., bears N.11 $\frac{1}{2}$ °W., 18 lks.  
dist., marked  $\frac{1}{4}$  S 24 B T

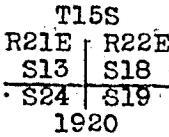
EAST BOUNDARY T.15 S., R.21 E.

CHAINS

73.95 Small gulch, drains NW.; ascend.

80.00 On steep W. slope.

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 13, 18, 19 and 24, with brass cap marked



From which

A red pine, 14 ins.diam., bears N.65 $\frac{1}{2}$ °E., 67 lks. dist., marked T 15 S R 22 E S. 18 B T

A red pine, 8 ins.diam., bears S.22 $\frac{1}{2}$ °E., 106 lks. dist., marked T 15 S R 22 E S 19 B T

A red pine, 24 ins.diam., bears S.25 $\frac{1}{2}$ °W., 24 lks. dist., marked T 15 S R 21 E S 24 B T

A red pine, 24 ins.diam., bears N.70°W., 69 lks. dist., marked T 15 S R 21 E S 13 B T

Land, rolling bench broken by gulches draining NW.; general N. exposure and drainage.

Soil, coarse, shallow brown sandy loam and rocky.

Timber, dense cedar and pinon, scattering red and yellow pine.

Undergrowth, black sage and grass.

Good grazing land.

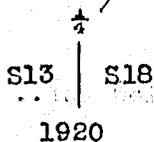
North, bet. secs. 13 and 18.

Over rough, broken bench land through cedar, pinon, spruce and red pine timber. Ascend along W. slope.

5.15 Enter bench, 55 ft. above cor., bears NW. and SE.

40.00 On rolling bench.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



CHAINS	From which										
	A cedar, 6 ins.diam., bears S.9 $\frac{1}{2}$ °E., 197 lks. dist., marked $\frac{1}{4}$ S 18 B T										
	A pinon, 14 ins.diam., bears N.16°W., 135 lks. dist., marked $\frac{1}{4}$ S 13 B T										
46.30	Draw, 35 ft. deep, heads 2 chs. E. and drains W.										
71.35	S. rim of gulch, bears N.70°E. and S.30°W.; descend.										
80.00	On gradual W. slope, 135 ft. below rim. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, with brass cap marked										
<table border="1"> <tr> <td colspan="2">T15S</td> </tr> <tr> <td>R21E</td> <td>R22E</td> </tr> <tr> <td>S12</td> <td>S7</td> </tr> <tr> <td>S13</td> <td>S18</td> </tr> <tr> <td colspan="2">1920</td> </tr> </table>		T15S		R21E	R22E	S12	S7	S13	S18	1920	
T15S											
R21E	R22E										
S12	S7										
S13	S18										
1920											
	From which										
	A pinon, 8 ins.diam., bears N.49 $\frac{3}{4}$ °E., 43 lks. dist., marked T 15 S R 22 E S 7 B T										
	A red pine, 30 ins.diam., bears S.70 $\frac{1}{2}$ °E., 112 lks. dist., marked T 15 S R 22 E S 18 B T										
	A red pine, 8 ins.diam., bears S.46 $\frac{3}{4}$ °W., 89 lks. dist., marked T 15 S R 21 E S 13 B T										
	A red pine, 30 ins.diam., bears N.42 $\frac{1}{2}$ °W., 79 lks. dist., marked T 15 S R 21 E S 12 B T										
	Land, rolling bench broken by gulches; general N. exposure and drainage.										
	Soil, rocky and coarse, shallow brown sandy loam; sandstone and limestone formation.										
	Timber, cedar, pinon, red pine and spruce.										
	Undergrowth, black sage and grass.										
	Good grazing land.										
	North, bet. secs. 7 and 12.										
	Over broken mountainous bench land through dense cedar pinon and red pine timber. Gradually descend along W. slope.										
9.75	Gulch, 170 ft. below cor., drains NE.; ascend.										

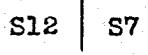
EAST BOUNDARY T.15 S., R.21 E.

CHAINS

18.40 Rim of gulch, 200 ft. above bottom, bears NE. and SW.;  
thence over broken bench.

25.05 Gulch, 55 ft. deep, heads about 5 chs. W. and drains E.

40.00 On general E. slope.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



From which

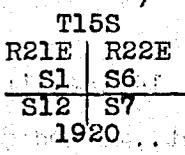
A red pine, 12 ins. diam., bears N. 63° E., 30 lks.  
dist., marked  $\frac{1}{4}$  S 7 B T

A red pine, 12 ins. diam., bears S. 89° W., 50 lks.  
dist., marked  $\frac{1}{4}$  S 12 B T

44.35 Gulch, 130 ft. deep, heads about 10 chs. SW. and drains  
NE.

67.10 Leave dense and enter scattering timber, bears N. 80° E.  
and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
the ground for cor. of secs. 1, 6, 7 and 12, with brass  
cap marked



From which  
A pinon, 8 ins. diam., bears N. 22 $\frac{1}{2}$ ° E., 244 lks.

dist., marked T 15 S R 22 E S 6 B T  
No tree available in sec. 7.

A pinon, 12 ins. diam., bears S. 87° W., 340 lks.  
dist., marked T 15 S R 21 E S 12 B T

A pinon, 18 ins. diam., bears N. 76 $\frac{1}{2}$ ° W., 240 lks.  
dist., marked T 15 S R 21 E S 1 B T

Land, rough, broken bench; general N. exposure and  
drainage.

Soil, rocky and sandy loam; sandstone formation.

## EAST BOUNDARY OF T.15 S., R.21 E.

CHAINS	
	Timber, cedar, pinon and red pine.
	Undergrowth, sagebrush and grass.
	Good grazing land.
	North, bet. secs. 1 and 6.
	Over broken bench land, through scattering cedar, pinon and red pine timber and undergrowth of sagebrush.
1.80	Leave scattering and enter dense timber, bears N.15°E. and S.15°W.
8.00	Leave dense and enter scattering timber, bears N.80°E. and S.50°W.
15.45	Leave scattering timber and enter dense timber, bears N.25°W. and SE.
23.15	Rim of gulch, bears N.20°E. and SE.; descend abruptly.
38.45	Trail, bears E. and W.
38.80	Gulch, 210 ft. below rim, drains E.; ascend.
40.00	On steep S. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	From which
	A pinon, 14 ins. diam., bears N.76 $\frac{1}{2}$ °E., 53 lks. dist., marked $\frac{1}{2}$ S 6 B T
	A pinon, 10 ins. diam., bears S.33°W., 38 lks. dist., marked $\frac{1}{2}$ S 1 B T
43.35	Rim of gulch, 125 ft. above $\frac{1}{2}$ sec. cor., bears N.80°W. and S.80°E.; thence over bench.
55.80	Rim of gulch, bears N.80°W. and N.20°E.; descend.
61.90	Gulch, 65 ft. below rim, drains NE.; ascend.
65.85	Rim of gulch, 55 ft. above bottom, bears NE. and SW.
67.30	Gulch, 30 ft. below rim, heads about 5 chs. NW. and drains SE. about 10 chs. thence E.; ascend.
71.10	Rim of gulch, 50 ft. above bottom, bears N.60°E. and S.30°W.; thence over bench.

NEAST BOUNDARY T.15 S., R.21 E.

CHAINS

78.24 Low, rolling ridge, bears N.80°W. and S.80°E. Cor. of Tps. 14 and 15 S., Rs.21 and 22 E. subsequently set at this point. See survey N. bdy. this tp.

80.00 Set temp. cor. of Tps. 14 and 15 S., Rs. 21 and 22 E. Land, broken bench; general NE. exposure and drainage. Soil, brown, sandy loam and rocky; sandstone formation. Timber, cedar, pinon and red pine. Undergrowth, sagebrush and grass. Good grazing land.

NORTH BOUNDARY T.15 S., R.21 E.

From the cor. of Tps. 14 and 15 S., Rs. 20 and 21 E. heretofore described.

East, on a random line along N. bdy. T.15 S., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs. and, at 478.69 chs. intersect N. and S. line 1.76 chs. S. of the temp. cor. of Tps. 14 and 15 S., Rs. 21 and 22 E., therefore, as this falling is out of limits, at point of intersection, I

Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground for cor. of Tps. 14 and 15 S., Rs. 21 and 22 E., with brass cap marked

T14S	
R21E	R22E
S36	S31
S1	S6
T15S	
1920	

From which

A pinon, 6 ins.diam., bears N.67 $\frac{1}{2}$ °E., 15 lks.

dist., marked T 14 S R 22 E S 31 B T

A pinon, 6 ins.diam., bears S.11 $\frac{1}{2}$ °E., 19 lks.

dist., marked T 15 S R 22 E S 6 B T

A pinon, 9 ins.diam., bears S.46 $\frac{1}{2}$ °W., 76 lks.

dist., marked T 15 S R 21 E S 1 B T

A pinon, 8 ins.diam., bears N.25 $\frac{1}{2}$ °W., 99 lks.

dist., marked T 14 S R 21 E S 36 B T

## NORTH BOUNDARY T.15 S., R.21 E.

CHAINS

Thence

West, on true line bet. secs. 1 and 36

Over rolling top of bench through dense cedar and pinon  
timber and undergrowth of sagebrush.

24.90 Leave timber, enter opening, bears N.20°E. and SW.

36.80 Low ridge, bears N. and S.; leave opening and enter dense  
timber, bears N. and S.; gradually descend.

40.00 In dense timber on general NW. slope.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

S36
— SI —
1920

From which

A. pinon, 10 ins.diam., bears S.48°W., 33 lks.  
dist., marked  $\frac{1}{2}$  S 1 B TA. pinon, 9 ins.diam., bears N.62°W., 53 lks.  
dist., marked  $\frac{1}{2}$  S 36 B T49.90 Head of draw, 30 ft. below  $\frac{1}{2}$  sec. cor., drains NE; leave  
timber, bears NE, and SW.; gradually ascend.

72.90 Low ridge, bears N.30°W. and S.30°E.; gradually descend.

80.00 On NW. slope.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.  
in the ground for cor. of secs. 1, 2, 35 and 36, with  
brass cap marked

T14S	R21E
S35	S36
— S2 —	— S1 —
T15S	
1920	

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant  
from cor.

Land, rolling bench; general NE. exposure and drainage.

Soil, brown sandy loam and limestone shale rock.

Timber, cedar, pinon and scattering red pine.

Undergrowth, sagebrush and grass.

Good grazing land.

West, on true line bet. secs. 2 and 35

NORTH BOUNDARY T.15 S., R.21 E.

CHAINS

Gradually descend over rolling bench land through dense sagebrush undergrowth.

8.00 Enter dense cedar and pinon timber, bears N.10°E. and S.  
22.55 Rim of gulch, bears SW., N. 1 ch. thence NW.; descend abruptly.

26.60 Head of gulch, 105 ft. below sec. cor., drains SW.; thence along S. slope.

40.00 On steep SW. slope.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

S35  
1/4  
S2  
1920

From which

A pinon, 18 ins.diam., bears N.16 3/4°E., 38 lks.

dist., marked 1/4 S 35 B T

A pinon, 12 ins.diam., bears S.58°W., 38 lks.

dist., marked 1/2 S 2 B T

42.80 Gulch, 100 ft. below 1/4 sec. cor., drains NW.; ascend abruptly NE. slope.

60.00 Rim of gulch, 340 ft. above bottom, bears N.20°W. and S.; gradually ascend over rolling bench.

64.10 Leave timber, bears N. and S.10°E.

80.00 On top of high bench, bears N. and S.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap marked

T14S | R21E  
S34 | S35  
S3 | S2  
T15S  
1920

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant from cor.

Land, rolling bench broken by gulches; general N. exposure

and drainage.

Soil, brown sandy loam and rocky of sandstone and limestone

formation.

Timber, scattering patches of dense cedar and pinon.

Undergrowth, sagebrush and grass.

NORTH BOUNDARY T.15 S., R.21 E.

CHAINS	DESCRIPTION										
	Good grazing land.										
2.00	West, on true line bet. secs. 3 and 34.										
	Over rolling bench land through dense sagebrush undergrowth.										
8.00	Enter narrow strip of dense cedar and pinon and scattering red pine timber, bears N. and SE.										
17.70	Swale, 80 ft. below cor., drains NE.; gradually ascend.										
40.00	On general NW. slope of bench.										
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>SE</td><td>S34</td></tr> <tr><td><math>\frac{1}{4}</math></td><td>S3</td></tr> <tr><td></td><td>1920</td></tr> </table>	SE	S34	$\frac{1}{4}$	S3		1920				
SE	S34										
$\frac{1}{4}$	S3										
	1920										
	From which										
	A pinon, 12 ins. diam., bears S. $48\frac{3}{4}^{\circ}$ W., 206 lks.										
	dist., marked $\frac{1}{4}$ S34 B.T.										
	A pinon, 12 ins. diam., bears N. $36^{\circ}$ W., 175 lks.										
	dist., marked $\frac{1}{4}$ S34 B.T.										
41.00	Enter dense timber, bears N. and S.										
51.30	Rim of canyon, bears SW., N. about 50 chs.; thence N. $80^{\circ}$ W.;										
	descend abruptly.										
78.00	Canyon, 280 ft. below rim, drains NW.; leave dense and enter scattering timber, bears with canyon. Gradually ascend.										
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, with brass cap marked										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>T14S</td><td>R21E</td></tr> <tr><td>S33</td><td>S34</td></tr> <tr><td>S4</td><td>S3</td></tr> <tr><td>T15S</td><td></td></tr> <tr><td>1920</td><td></td></tr> </table>	T14S	R21E	S33	S34	S4	S3	T15S		1920	
T14S	R21E										
S33	S34										
S4	S3										
T15S											
1920											
	From which										
	A pinon, 7 ins. diam., bears N. $80\frac{3}{4}^{\circ}$ E., 279 lks.										
	dist., marked T14 S R 21 E S 34 B.T.										
	A pinon, 7 ins. diam., bears S. $87^{\circ}$ E., 392 lks.										
	dist., marked T15 S R 21 E S 3 B.T.										
	A pinon, 8 ins. diam., bears S. $62\frac{1}{2}^{\circ}$ W., 164 lks.										
	dist., marked T15 S R 21 E S 4 B.T.										

## NORTH BOUNDARY T.15 S., R.21 E.

## CHAINS

A pinon, 8 ins.diam., bears N.32<sup>3</sup>/<sub>4</sub>°W., 189 lks.  
dist., marked T 14 S R 21 E S 33 B T

Land, rolling bench broken by gulches and canyons draining N.

Soil, brown sandy loam, gravelly and rocky of sandstone and limestone formation.

Timber, cedar, pinon and scattering red pine.

Undergrowth, dense sagebrush and grass.

Good grazing land.

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West, on true line bet. secs. 4 and 33

Over rough, broken bench land through cedar, pinon and scattering red pine timber and undergrowth of sagebrush.

Ascend abruptly.

17.15 Rim of canyon, 530 ft. above cor., bears S.20°W. and NW. about 1 ch. to point of bench; thence across bench.

24.00 Rim of gulch, bears NE. and SW.; descend abruptly.

34.90 Gulch, 370 ft. below rim, drains N.10°E.; ascend abruptly.

40.00 On steep NE. slope 160 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S33}{S4} 1920$$

From which

A pinon, 10 ins.diam., bears N.74°W., 30 lks.

dist., marked  $\frac{1}{4}$  S 33 B T

A pinon, 6 ins.diam., bears S.36°W., 44 lks.

dist., marked  $\frac{1}{4}$  S 4 B T

Continue steep ascent.

43.80 Rim of gulch, 150 ft. above  $\frac{1}{4}$  sec. cor., bears N. and S.; thence over rolling bench.

55.05 Rim of gulch, bears SW., N.20°E. about 4 chs., thence N.80°W.; descend abruptly.

7.70 Gulch, 380 ft. below rim, drains NW.; gradually ascend.

0.00 On steep NE. slope.

NORTH BOUNDARY OF T.15 S., R.21 E.

CHAINS

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 4,5,32 and 33, with brass cap marked

T14S	R21E
S32	S33
S5	S4
T15S	
1920	

From which

A red pine, 8 ins.diam., bears N.72 $\frac{1}{2}$ °E., 53 lks. dist., marked T 14 S R 21 E S 33 B T  
A red pine, 7 ins.diam., bears S.79 $\frac{1}{2}$ °E., 58 lks.

dist., marked T 15 S R 21 E S 4 B T  
A red pine, 10 ins.diam., bears S.34 $\frac{1}{2}$ °W., 54 lks. dist., marked T 15 S R 21 E S 5 B T  
A red pine, 6 ins.diam., bears N.41 $\frac{1}{2}$ °W., 14 lks. dist., marked T 14 S R 21 E S 32 B T

Land, rolling benches broken by deep gulches ; general N. exposure and drainage.

Soil, brown sandy loam and rocky of sandstone and limestone formation.

Timber, cedar, pinon and scattering red pine on slopes.

Undergrowth, dense sagebrush and grass.

Good grazing land.

West, on true line bet. secs. 5 and 32.

Over rough mountainous land through cedar, pinon and scattering red pine timber. Descend along general N. slope.

10.95 Gulch, 150 ft. below cor., drains SW.; ascend along S. slope of gulch.

18.50 Top of ascent, 35 ft. above gulch, bears N. and S.; descend.

23.30 Same gulch, 60 ft. below top of ascent, drains NW.; ascend NE. slope.

40.00 Spur, 200 ft. above gulch, projects N.20°W.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

S32
S5
1920

NORTH BOUNDARY T.15 S., R.21 E.

CHAINS

From which

A pinon, 6 ins.diam., bears S.65°E., 26 lks.  
dist., marked  $\frac{1}{2}$  S 5 B T

A red pine, 8 ins.diam., bears N.61 $\frac{1}{2}$ °W., 13 lks.  
dist., marked  $\frac{1}{2}$  S 32 B T

Descend abruptly.

57.65 Depression on N. slope, 410 ft. below  $\frac{1}{2}$  sec. cor., drains  
N.; ascend NE. slope.

65.45 Spur, 220 ft. above depression, projects NW. about 5 chs.  
to Willow Creek; descend abruptly W. slope.

71.25 Willow Creek, in canyon, 40 lks. wide, 20 ins.deep, good  
water, 340 ft. below spur, drains N.10°E.; thence  
across Willow Creek Canyon through dense, tall willow  
undergrowth; leave timber, bears N.10°E. and S.10°W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
the ground for cor. of secs. 5,6,31 and 32, with brass  
cap marked

T14S	R21E
S31	S32
S6	S5
T15S	
1920	

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant  
from cor.

Land, rough mountainous; breaks of canyons; general N.  
exposure and drainage.

Soil, sandy loam, limestone shale rock and rocky of  
sandstone and limestone formation.

Timber, cedar, pinon and scattering red pine.

Undergrowth, sagebrush and willows.

Good grazing land.

West, on true line bet. secs. 6 and 31.

Over level land in Willow Creek Canyon, through dense,  
tall willow undergrowth.

1.00 Leave canyon and willow undergrowth, enter rough mountain-  
ous land, cedar, pinon and red pine timber, bears N.10°  
E. and S.20°W.; ascend abruptly over series of high  
sandstone ledges.

NORTHE BOUNDARY OF T.15 S., R.21 E.

CHAINS

- 4.85 Top of sandstone ledge, 300 ft. high, bears NE. and SW.
- 27.10 W. rim of Willow Creek Canyon, 990 ft. above sec. cor., bears N.10°E. and S.; thence over rolling bench land.
- 32.50 Leave timber and enter dense sagebrush undergrowth, bears N.10°E. and S.60°W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in diam. the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- S31  
S6  
1920
- 71.70 Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.
- 78.69 Trail, bears N.10°E. and SW.
- The cor. of Tps. 14 and 15 S., Rs. 20 and 21 E. heretofore described.
- Land, E. 27.10 chs., rough, broken E. slope of Willow Creek Canyon; remainder of mile rolling bench; general N. exposure and drainage.
- Soil, brown sandy loam, limestone shale and rocky of sandstone and limestone formation.
- Timber, cedar, pinon and scattering red pine on eastern portion of mile.
- Undergrowth, sagebrush. Willows on E. 1.00 chs.
- Good grazing land.

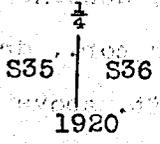
SUBDIVISION OF T.15 S., R.21 E.

- From the standard cor. of secs. 35 and 36 on the S. bdy. of the tp. which is an iron post, 2 ins. in dia., firmly set in the ground and mound of stone and marked and witnessed as described by the surveyor general.
- N.O°01'W., bet. secs. 35 and 36
- Over rolling mountainous land facing SW., through dense pinon and cedar and scattering red pine timber and scattering undergrowth of sagebrush.; gradually descend.
- 5.70 Begin steep descent NW. slope.
- 13.55 Draw, 135 ft. below cor., drains SW.; ascend abruptly.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 24.00 Top of steep ascent, bears NE. and SW.; gradually ascend.
- 32.65 Top of ascent, 280 ft. above draw, bears NE. and SW.; gradually descend NW. slope 25 ft. to
- 39.15 Swale, heads about 8 chs. NE. and drains SW.; gradually ascend S. slope 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

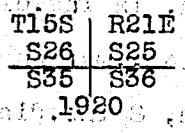


From which

- A cedar, 8 ins.diam., bears N. $\frac{1}{2}$ E., 364 lks.  
dist., marked  $\frac{1}{4}$  S 36 B T
- A pinon, 14 ins.diam., bears N.70°W., 144 lks.  
dist., marked  $\frac{1}{4}$  S 35 B T

- 63.00 Flat spur, 115 ft. above  $\frac{1}{4}$  sec. cor., projects SW.; gradually descend along W. slope.
- 78.35 Head of swale, 35 ft. below spur, drains SW.; ascend.
- 80.00 On SE. slope.

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 18 ins. in a large mound of stone for cor. of secs. 25,26,35 and 36, with brass cap marked



No suitable trees available.

Land, rolling and broken mountains; general SW. exposure and drainage.

Soil, shallow brown sandy loam mixed with sandstone and limestone shale rock.

Timber, dense cedar and pinon and scattering red and yellow pine.

Undergrowth, dense sagebrush and scattering service berry and oak brush.

Good grazing land.

*no wood*

## SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
	East, on a random line bet. secs. 25 and 36
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy. of the tp. 12 lks. S. of the cor. of secs. 25, 30, 31 and 36.
	Thence
	S. $89^{\circ}55'$ W., on true line bet. secs. 25 and 36
	Over mountainous land through pinon, cedar and red pine timber. Gradually descend along N. slope.
4.40	Gulch, 50 ft. below cor., drains SW.; ascend.
10.25	Rim of gulch, 160 ft. above bottom, bears N. and S.; gradually ascend over rolling bench.
16.15	Top of ascent on bench, 60 ft. above rim, bears N. and S. descend.
25.25	Canyon, 180 ft. below top of ascent, drains S. $30^{\circ}$ E.; ascend.
30.50	W. rim of canyon, 110 ft. above bottom, bears N. $10^{\circ}$ W. and S. $30^{\circ}$ E.; gradually ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 22 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S25 \\ \frac{1}{4} \\ \hline S36 \\ 1920 \end{array}$
	From which
	A pinon, 12 ins. diam., bears N. $62^{\circ}$ E., 50 lks. dist., marked $\frac{1}{4}$ S 25 B T
	A pinon, 8 ins. diam., bears S. $68^{\circ}$ W., 5 lks. dist., marked $\frac{1}{4}$ S 36 B T
42.15	Leave timber and enter sagebrush opening, bears N. $10^{\circ}$ W. and S. $10^{\circ}$ E.
52.30	Leave opening and enter timber, bears NE. and SE.; begin descent.
57.00	Draw, 35 ft. below $\frac{1}{4}$ sec. cor., drains S.; opening in timber along bottom of draw.; ascend.
65.45	Ridge, 60 ft. above draw, bears N. and S. $30^{\circ}$ W.; gradually descend W. slope 100 ft. to
80.00	The cor. of secs. 25, 26, 35 and 36.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Land, rolling and broken mountains; general S. exposure and drainage.

Soil, brown sandy loam, sandstone and limestone shale rock.

Timber, dense pinon and cedar and scattering red and yellow pine.

Undergrowth, dense sagebrush and grass.

Good grazing land.

N.0°01'W., bet. secs. 25 and 26

Over rolling and broken bench lands through cedar, pinon and scattering red pine timber and undergrowth of sagebrush. Gradually ascend.

7.00 Leave timber, bears N.50°W. and SE.

9.20 Ridge, 50 ft. above cor., bears NE. and SW.; gradually descend over N. slope.

31.75 Swale, 30 ft. below ridge, drains SW.; thence over rolling bench.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

	$\frac{1}{4}$	
S26		S25
1920		

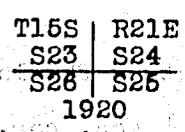
Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. distant.

60.00 Trail, bears E. and W.

65.75 Enter cedar and pinon timber, bears N.20°W. and S.20°E.

80.00 Head of draw; drains N.30°W.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked



From which

A pinon, 8 ins. diam., bears N.82°E., 164 lks. dist., marked T 15 S R 21 E S 24 B T

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

A cedar, 8 ins.diam., bears S.77 $\frac{1}{2}$ °E., 43 lks.

dist., marked T 15 S R 21 E S 25 B T

A cedar, 8 ins.diam., bears S.13 $\frac{1}{2}$ °W., 76 lks.

dist., marked T 15 S R 21 E S 26 B T

A cedar, 6 ins.diam., bears N.41 $\frac{1}{2}$ °W., 110 lks.

dist., marked T 15 S R 21 E S 23 B T

Land, rolling and broken bench land; general N. and S. exposure and drainage from low rolling divide at about 60.00 chs.

Soil, brown sandy loam and rocky; sandstone formation.

Timber, cedar, pinon and red pine on N. and S. parts of mile.

Undergrowth, sagebrush and grass.

Good grazing land.

N.89°55'E., on a random line bet. secs. 24 and 25.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect E. bdy. of the tp. 9 lks. N. of the cor. of secs. 19, 24, 25 and 30.

Thence

S.89°59'W., on true line bet. secs. 24 and 25

Descend over rolling mountainous bench land through dense cedar and pinon and scattering red and yellow pine timber and undergrowth of sagebrush.

7.30 Gulch, 140 ft. below cor., drains N.15°W.; gradually ascend.

11.00 Leave timber, enter opening, bears N.30°W. and S.30°E.

16.60 Leave opening, enter timber, bears N.10°E. and SW.

24.80 Gulch, 50 ft. deep, drains NE.; ascend.

39.20 Low ridge, 75 ft. above gulch, bears N.30°E. and S.40°W.

39.99 On gentle W. slope in edge of scattering timber, bears N. and S.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S24

S25

1920

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.

No suitable bearing trees are available.

Gradually descend through sagebrush undergrowth.

Swale, drains N.; gradually ascend.

Low ridge, bears N. and S.; gradually descend.

Enter cedar and pinon timber, bears N. and S.

Head of draw, 30 ft. below ridge, drains N. 10° W.; gradually ascend 25 ft. to

The cor. of secs. 23, 24, 25 and 26.

Land, rolling and broken bench; general N. exposure and

drainage; Soil, brown sandy loam, shallow, and mixed with rock; sandstone formation.

Timber, cedar, pinon, scattering red and yellow pine on E. 1/2 mile and western portion of mile.

Undergrowth, dense sagebrush and bunch grass. Good grazing land.

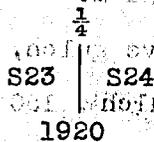
N. 0° 01' W., bet. secs. 23 and 24.

Gradually descend over rolling bench land through cedar and pinon timber and undergrowth of sagebrush.

Draw, 125 ft. below cor., drains N. 30° E.; gradually asc.

Spur, 50 ft. above draw, projects NE.

Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 10 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



From which

A pinon, 6 ins. diam., bears S. 74 3/4° E., 47 lks. dist., marked 1/4 S 24 B T

A pinon, 6 ins. diam., bears S. 13° W., 51 lks. dist., marked 1/4 S 23 B T

Descend abruptly.

Head of gulch, 230 ft. below spur, drains NE.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

60.00

Enter scattering timber, bears E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T15S R21E

S14 S13

S23 S24

Dig pits, 18x18x12 ins., in each sec., 30 ft. distant

from cor. No suitable bearing trees available.

Land, rolling bench; general N. exposure and drainage.

Soil, brown sandy loam and rocky; sandstone formation.

Timber, cedar and pinon; very scattering on N. portion

of mile. Undergrowth, sagebrush and grass.

Good grazing land.

40.00

Set temp. 1/4 sec. cor.

79.94

Intersect E. bdy. of the tp. 28 lks. S. of the cor. of secs. 13, 18, 19 and 24.

Thence

S. 89° 47' W., on true line bet. secs. 13 and 24.

Over broken bench land through cedar, pinon and scattering pine and spruce timber and undergrowth of sagebrush.

Descend over W. slope.

1.70

Gulch, 60 ft. below cor., drains N.; ascend.

3.00

Trail, bears N. and S.

20.35

Spur, 115 ft. above gulch, projects N.; descend.

39.97

Near bottom of gulch, 150 ft. below spur.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in

the ground for 1/4 sec. cor., with brass cap marked

S13

1/4 S24

1920

From which

A spruce, 8 ins. diam., bears N. 71° E., 16 lks.

dist., marked 1/4 S 13 B T

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

A spruce, 6 ins.diam., bears S.4°E., 15 lks.

dist., marked  $\frac{1}{4}$  S 24 B T

- 42.80 Bottom of gulch, drains NE.; ascend abruptly.
- 48.95 Rim of gulch, bears N. and S.; continue ascent.
- 56.15 Brink of bench, 205ft. above gulch, bears NE. and SW.; thence over bench.

- 68.00 Leave timber, bears NE. and SW.
- 79.94 The cor. of secs. 13, 14, 23 and 24.  
Land, broken bench; general NE. exposure and drainage.  
Soil, shallow, brown sandy loam and sandstone rock.  
Timber, cedar, pinon, scattering pine and spruce on E.

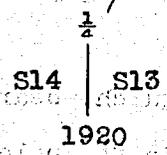
68.00 chs.

Undergrowth, sagebrush and grass.  
Good grazing land.

N.0°01'W., bet. secs. 13 and 14.

Over rolling bench land through scattering cedar and pinon timber and undergrowth of sagebrush.

- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



From which

A cedar, 6 ins.diam., bears N.84°E., 51 lks.

dist., marked  $\frac{1}{2}$  S 13 B T

No other trees available.

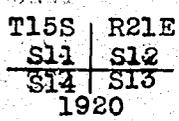
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Cor. stands in edge of scattering timber, bears NW. and S.20°E.

- 42.00 Trail, bears NE. and SW.

- 80.00 On gentle E. slope.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked



32  
SUBDIVISION OF T. 15 S., R. 21 E.

CHAINS

From which

A pinon, 16 ins. diam., bears N. 59 $\frac{1}{2}$ ° W., 430 lks.  
dist., marked T 15 S R 21 E S 11 B T

No other trees available.

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant  
from cor.

Land, rolling bench; general N. exposure and drainage.

Soil, shallow, brown sandy loam and sandstone rock.

Timber, scattering cedar and pinon.

Undergrowth, sagebrush and grass.

Good grazing land.

N. 89° 47' E., on a random line bet. secs. 12 and 13.

49.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.00 Intersect E. bdy. of the tp. at the cor. of secs. 7, 12,  
13 and 18.

Thence

S. 89° 47' W., on true line bet. secs. 12 and 13.

Descend over rough, broken bench land through cedar,  
pinon and scattering pine timber and undergrowth of  
sagebrush.

5.00 Enter bottom of gulch, bears NE. and SW.

10.00 Wash, in gulch, 65 ft. below sec. cor., drains NE.;  
ascend.

13.50 Top of ascent on S. slope, 55 ft. above wash, bears N.  
and S.; descend abruptly SW. slope.

18.70 Gulch, 40 ft. below top of ascent, drains SE.; ascend  
NE. slope.

29.30 Rim of gulch, 150 ft. above bottom, bears NW. and SE.;;  
gradually ascend E. slope.

40.00 On gentle E. slope.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

1  $\frac{1}{2}$   $\frac{312}{313}$   
1920

From which

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- A cedar 4, ins.diam., bears S.6 $\frac{1}{2}$ °W., 49 lks.  
 dist., marked  $\frac{1}{2}$  S 13 B T
- A cedar, 6 ins.diam., bears N.15°W., 23 lks.  
 dist., marked  $\frac{1}{2}$  S 12 B T
- 42.00 Top of ascent, 20 ft. above  $\frac{1}{4}$  sec. cor., bears N. and S.;  
 gradually descend W. slope.
- 50.00 Swale, 15 ft. below top of ascent, drains N.; gradually  
 ascend.
- 60.00 Top of ascent, 40 ft. above swale, bears N. and S.;  
 leave timber, bears N. and S.; thence over gently  
 rolling bench.
- 80.00 The cor. of secs. 11,12,13 and 14.  
 Land, rolling and broken bench; general NE. exposure and  
 drainage.  
 Soil, shallow, brown sandy loam and sandstone rock.  
 Timber, cedar, pinon and scattering pine on E.60.00 chs.  
 Undergrowth, sagebrush and grass.  
 Good grazing land.
- 
- N.0°01'W., bet. secs. 11 and 12.
- Over gently rolling bench land through undergrowth of  
 sagebrush.
- 8.50 Enter dense cedar and pinon timber, bears E. and W.
- 32.30 Leave dense and enter very scattering timber, bears E.  
 and W.
- 40.00 On gentle W. slope.  
 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins.  
 in the ground for  $\frac{1}{4}$  sec. cor. with brass cap marked
- $\frac{1}{4}$   
 S11 | S12  
 1920
- From which
- A pinon, 18 ins. diam., bears S.37°E., 130 lks.  
 dist., marked  $\frac{1}{2}$  S 12 B T
- No other trees available.
- Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.  
 distant.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 53.20 Enter cedar and pinon timber, bears E. and W.
- 61.50 Leave timber, bears NE. and SW.
- 66.50 Enter scattering cedar and pinon timber, bears E. and W.
- 71.50 Leave timber, bears E. and W.
- 80.00 On gentle E. slope.  
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 1,2,11 and 12, with brass cap marked

T15S	R21E
S2	S1
S11	S12
1920	

Dig pits, 18 x 18 x 12 ins.; in each sec.; 3 ft. distant from cor.

Land, rolling bench; general N. exposure and drainage.

Soil, shallow brown sandy loam and rocky; sandstone formation.

Timber, scattering patches of cedar and pinon.

Undergrowth, sagebrush and grass.

Good grazing land.

N.89°47'E., on a random line bet. secs. 1 and 12.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect E. bdy. of the tp. 23 lks. N. of the cor. of secs. 1,6,7 and 12.

Thence

S.89°57'W., on true line bet. secs. 1 and 12.

Over rolling and broken bench land through undergrowth of sagebrush. Gradually ascend E. slope.

- 3.05 Enter dense cedar and pinon timber, bears N. and S.
- 11.00 Top of ascent, 25 ft. above cor., bears N. and S.; gradually descend.
- 22.00 Leave timber, bears N. and S.
- 25:05 Swale, 60 ft. below top of ascent, drains N.; gradually ascend E. slope.
- 30.00 Top of ascent, 10 ft. above swale, bears N. and S.; enter cedar and pinon timber, bears N. and S.; gradually descend.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
36.05	Leave timber, bears N. and S.
40.02	On W. slope near bottom of shallow swale.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins.
	in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S1}{\frac{1}{4} S12}$ 1920
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.
	No suitable bearing trees are available.
40.75	Swale, 30 ft. below top of ascent, drains N.; gradually
	ascend.
45.75	Enter dense cedar and pinon timber, bears N. and S.
52.10	Top of ascent, 70 ft. above swale, bears N. and S.; leave
	dense and enter very scattering timber; gradually descend.
70.05	Swale, 60 ft. below top of ascent, drains N.; gradually
	ascend 40 ft. to
80.04	The cor. of secs. 1,2,11 and 12.
	Land, rolling and broken bench; general N. exposure and drainage.
	Soil, shallow brown sandy loam; sandstone formation.
	Timber, patches of cedar and pinon.
	Undergrowth, sagebrush and grass.
	Good grazing land.
North, on a random line bet. secs. 1 and 2.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.10	Intersect N. bdy. of the tp. 23 lks. E. of the cor. of
	secs. 1,2,35 and 36.
	Thence
	S.0°10'E., on true line bet. secs. 1 and 2.
	Gradually ascend over rolling bench through undergrowth of sagebrush.
13.40	Top of ascent and enter cedar and pinon timber, bears
	E. and W.; gradually descend.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
23.10	Leave timber, bears E. and W.
28.10	Swale, 65 ft. below top of ascent, drains NW.; ascend gentle N. slope.
38.10	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked $\frac{1}{2}$
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. distant.
48.10	Top of ascent, 30 ft. above $\frac{1}{2}$ sec. cor.; bears E. and W.; thence over rolling bench.
78.10	The cor. of secs. 1, 2, 11 and 12. Land, rolling bench; general N. exposure and drainage. Soil, shallow sandy loam and rocky; sandstone formation. Timber, scattering patches of cedar and pinon. Undergrowth, sagebrush and grass. Good grazing land.
<p>From the standard cor. of secs. 34 and 35 on the S. bdy. of the tp. which is an iron post, 2 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general. N.0°01'W., bet. secs. 34 and 35.</p> <p>Over rough mountainous land on breaks of Meadow Canyon, through cedar and pinon timber and undergrowth of sagebrush. Ascend steep, rocky, S. slope.</p>	
8.25	Spur, 245 ft. above cor., projects SW.; descend abruptly N. slope.
14.20	Gulch, 225 ft. below spur, drains SW.; ascend abruptly ledgy S. slope.
34.25	Rim of gulch, 635 ft. above bottom, bears N.80°E. and S.80°W.; thence over gently rolling bench sloping SW.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 10 ins. in a mound of

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

stone for  $\frac{1}{2}$  sec. cor., with brass cap marked



From which

A pinon, 18 ins.diam., bears N.36 $\frac{1}{2}$ °E., 38 lks.

dist., marked  $\frac{1}{2}$  S.35 B T

A pinon, 15 ins.diam., bears S.38 $\frac{1}{2}$ °W., 18 lks.

dist., marked  $\frac{1}{2}$  S 34 B T

66.00 Rim of gulch, bears N.70°E. and S.70°W.; descend abruptly NW. slope 320 ft. to

79.80 The true point for cor. of secs. 26,27,34 and 35 will

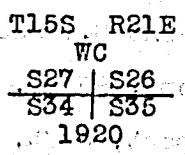
fall in bottom of gulch, therefore, perpetuate cor.

on safe ground at this point as follows:

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 6 ins. in a mound of stone

for witness cor. to the cor. of secs. 26,27,34 and 35

with brass cap marked



From which

A yellow pine, 30 ins.diam., bears N.64 $\frac{1}{2}$ °E., 110 lks. dist., marked W C T 15 S R 21 E S 26 B T

A red cedar, 8 ins.diam., bears S.67°E., 75 lks. dist., marked W C T 15 S R 21 E S 35 B T

A red pine, 10 ins.diam., bears S.4 $\frac{1}{2}$ °W., 135 lks. dist., marked W C T 15 S R 21 E S 34 B T

A red pine, 20 ins.diam., bears N.48°W., 102 lks. dist., marked W C T 15 S R 21 E S 27 B T

80.00 Point for cor. of secs. 26,27,34 and 35 falls in bottom of gulch, drains S.70°W. No cor. set.

Land, S. 34. 25 chs. and N.14.00 chs. rough mountainous breaks of canyons and gulches; remainder of mile, rolling bench. General SW. exposure and drainage. Soil, shallow brown sandy loam and rocky; sandstone formation.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	<p>Timber, cedar, pinon, scattering red and yellow pine.                      Undergrowth, sagebrush and grass.                      Good grazing land.</p>
40.00	<p>East, on a random line bet. secs. 26 and 35                      Set temp. <math>\frac{1}{2}</math> sec. cor.</p>
79.54	<p>Intersect N. and S. line 30 lks. S. of the cor. of secs.                      25, 26, 35 and 36.</p>
16.00	<p>Thence                      S. 89° 47' W., on true line bet. secs. 26 and 35.                      Over rolling and broken mountainous land through dense                      cedar and pinon and scattering red pine timber, scatter                      ing sage, buck and oak brush undergrowth. Gradually                      ascend SE. slope from head of swale draining SW.</p>
23.75	<p>Top of ascent and rim of gulch, 40 ft. above cor., bears                      NE. and SW.; thence across wide ridge.</p>
33.00	<p>Leave ridge, bears NE. and SW.; descend NW. slope.</p>
35.60	<p>Gulch, 200 ft. below ridge, drains SW.; ascend.</p>
39.77	<p>Small draw, drains S.; ascend E. slope.                      On steep E. slope, 85 ft. above draw.</p>
43.70	<p>Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in                      the ground on solid rock and 20 ins. in a mound of                      stone for <math>\frac{1}{2}</math> sec. cor., with brass cap marked</p>
54.40	<p style="text-align: center;"> <math>\frac{1}{2}</math> S 26  <math>\frac{1}{2}</math> S 35                      1920                 </p>
79.54	<p>From which                      A pinon, 15 ins. diam., bears S. 55° E., 37 lks.                      dist., marked <math>\frac{1}{2}</math> S 35 B T                      A pinon, 12 ins. diam., bears N. 40° W., 55 lks.                      dist., marked <math>\frac{1}{2}</math> S 26 B T</p>
43.70	<p>Continue steep ascent.                      Rim of gulch, 75 ft. above <math>\frac{1}{2}</math> sec. cor., bears NE. and                      SW.; thence across flat spur, projects SW.</p>
54.40	<p>Leave spur and rim of gulch, bears N. 70° E. and S. 70° W.;                      descend steep NW. slope 400 ft. to</p>
79.54	<p>The true cor. point of secs. 26, 27, 34 and 35.</p>

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Land, rolling and broken mountains; general SW. exposure and drainage.

Soil, shallow, brown sandy loam and shale with sandstone rocks and ledges.

Timber, dense cedar and pinon on mile; scattering red pine, red cedar and yellow pine on E. and W. portions of mile.

Undergrowth, scattering sage, buck, service and oak brush. Good grazing land.

From true cor. point of secs. 26, 27, 34 and 35

N.0°01'W., bet. secs. 26 and 27

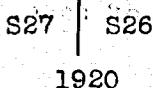
Over broken mountainous land through dense cedar and pinon and scattering red pine timber and undergrowth of sagebrush. Ascend abruptly S. slope.

15.00 Rim of gulch, 420 ft. above gulch, bears NE. and SW.; thence across bench dividing gulches.

24.80 Rim of gulch, bears NE. and SW.; descend NW. slope.

40.00 On W. slope 130 ft. below rim.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



From which

A yellow pine, 36 ins. diam., bears S. 40 $\frac{1}{2}$ ° E., 98 lks. dist., marked  $\frac{1}{4}$  S 26 B T

A red pine, 24 ins. diam., bears N. 61 $\frac{1}{2}$ ° W., 76 lks. dist., marked  $\frac{1}{4}$  S 27 B T

41.00 Gulch, 10 ft. below  $\frac{1}{4}$  sec. cor., drains SW.; ascend.

62.20 Rim of gulch, 115 ft. above bottom, bears NE. and SW.; leave timber, thence over rolling mountain top through dense undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

T15S	R21E
S22	S23
S27	S26
1920	

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant from cor.

Land, S. 62.20 chs. broken mountainous; general S. exposure and drainage; remainder of mile rolling mountain top or bench, slopes and drains N.

Soil, shallow brown sandy loam and rocky; sandstone formation.

Timber, dense cedar, pinon and scattering red and yellow pine on S. 62.20 chs.

Undergrowth, sagebrush and grass.

Good grazing land.

N. 89°47'E., on a random line bet. secs. 23 and 26.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

79.64 Intersect N. and S. line 9 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence

S. 89°51'W., on true line bet. secs. 23 and 26.

Over rolling bench land through cedar and pinon timber and undergrowth of sage, buck and scattering service berry brush.

3.00 Leave timber, bears NE. and SW.

11.90 Draw, 30 ft. deep, drains NE.

39.82 On sagebrush flat.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

S23
$\frac{1}{4}$ S26
1920

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.

58.50 A point on rolling bench dividing drainage into Meadow Canyon to the S. and Main Canyon to the NE., bears NW. and SE.

79.64 The cor. of secs. 22, 23, 26 and 27.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Land, rolling bench; N. exposure and drainage on E. 58.50 chs., S. exposure and drainage on remainder of mile. Soil, shallow, brown sandy loam and sandstone rock. Timber, cedar, pinon and scattering red and yellow pine on E. portion of mile.

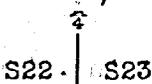
Undergrowth, sagebrush, scattering buck and service brush. Good grazing land.

N. 0° 01' W., bet. secs. 22 and 23.

Gradually descend over rolling bench land through undergrowth of sagebrush. A few scattering cedar and pinon trees on both sides of line.

31.70 Trail, bears NE. and SW.

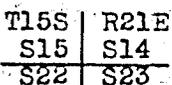
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked



1920

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. distant.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap marked



1920

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant from cor.

Land, rolling bench; general N. exposure and drainage. Soil, shallow, brown sandy loam; sandstone formation. No timber on line; a few cedar and pinon on both sides of same.

Undergrowth, sagebrush and grass.

Good grazing land.

N. 89° 51' E., on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

SUBDIVISION OF T.15 S., R.21 E.

**CHAINS**

79.66 Intersect N. and S. line 5 lks. N. of the cor. of secs. 13, 14, 23 and 24. Thence S. 89° 53' W., on true line bet. secs. 14 and 23. Over rolling bench land through scattering cedar and pinon timber and undergrowth of sagebrush.

18.00 Shallow draw, heads about 10 chs. S. 50° W. and drains NE.

39.83 On low rolling ridge in west edge of scattering cedar and pinon timber, bears N. and S. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 6 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked.

S14  
S23

From which

A cedar, 6 ins. diam., bears N. 56 1/2° E., 33 lks. dist., marked 1/4 S 14 B T

A cedar, 16 ins. diam., bears S. 43° E., 25 lks. dist., marked 1/4 S 23 B T

52.65 Trail, bears NE. and SW.

79.66 The cor. of secs. 14, 15, 22 and 23. Land, rolling bench; general N. exposure and drainage. Soil, shallow brown sandy loam and sandstone rock. Timber, scattering cedar and pinon on E. 1/2 mile. Undergrowth, sagebrush and grass. Good grazing land.

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N. 0° 01' W., bet. secs. 14 and 15. Gradually descend over rolling bench land through undergrowth of sagebrush.

40.00 On W. slope of gulch, 65 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

1/4

S15 | S14

1920

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	From which						
	A cedar, 18 ins.diam., bears N.55 $\frac{1}{2}$ °E., 70 lks. dist., marked $\frac{1}{4}$ S 14 B T						
	A red pine, 6 ins.diam., bears N.23°W., 62 lks. dist., marked $\frac{1}{4}$ S 15 B T						
45.00	Begin steeper descent into gulch, bears NE. and SW.						
50.00	Bottom of gulch, 50 ft. below $\frac{1}{4}$ sec. cor., drains NE.; ascend.						
58.85	Rim of gulch, 100 ft. above bottom, bears NE. and SW.; thence over bench land.						
63.85	Leave timber, bears NE. and SW.						
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.in the ground for cor. of secs. 10,11,14 and 15, with brass cap marked						
	<table border="1"> <tr> <td>T15S</td> <td>R21E</td> </tr> <tr> <td>S10</td> <td>S11</td> </tr> <tr> <td>S15</td> <td>S14</td> </tr> </table>	T15S	R21E	S10	S11	S15	S14
T15S	R21E						
S10	S11						
S15	S14						
	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft.distant from cor.						
	Land, rolling bench; general N. exposure and drainage.						
	Soil, brown sandy loam and sandstone rock.						
	Timber, scattering patches of cedar, pinon and scattering red pine.						
	Undergrowth, sagebrush and grass.						
	Good grazing land.						
40.00	N.89°53'E., on a random line bet. secs. 11 and 14. Set temp. $\frac{1}{4}$ sec. cor.						
79.72	Intersect N. and S. line 9 lks. S. of the cor. of secs. 11,12,13 and 14.						
	Thence S.89°49'W., on true line bet. secs. 11 and 14.						
	Over rolling bench land through undergrowth of sagebrush.						
22.00	Trail, bears N.10°E. and S.10°W.						
39.86	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked						

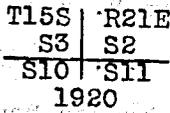
SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
	<p style="text-align: center;"> <math display="block">\frac{S11}{S14}</math>                     1920                 </p> <p>Impracticable to build accessories to cor. ✓</p>
51.50	Gulch, 55 ft. deep, drains N.
79.72	The cor. of secs. 10, 11, 14 and 15.
	<p>Land, rolling bench; general N. exposure and drainage.</p> <p>Soil, shallow, brown sandy loam and sandstone rock.</p> <p>Timber, a few scattering scrub cedar and pinon.</p> <p>Undergrowth, sagebrush and grass.</p> <p>Good grazing land.</p>
	<hr/> <p>N. 0° 01' W., bet. secs. 10 and 11.</p> <p>Over rolling and broken bench land through undergrowth of sagebrush and grass.</p>
23.00	Rim of gulch and enter dense cedar and pinon timber, bears NE. and SW.; descend abruptly NW. slope.
32.75	Bottom of gulch, 205 ft. below rim, drains NE.; ascend abruptly S. slope.
37.60	N. rim of gulch, 190 ft. above bottom, bears NE. and SW.; gradually ascend.
40.00	On top of ascent, 25 ft. above rim.
	<p>Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for <math>\frac{1}{2}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"> <math display="block">\frac{1}{2}</math> <math display="block">S10 \quad   \quad S11</math> </p> <p style="text-align: center;">1920</p>
	<p>From which</p> <p>A pinon, 10 ins. diam., bears S. 50<math>\frac{1}{2}</math>° E., 39 lks. dist., marked <math>\frac{1}{4}</math> S 11 B.T.</p> <p>A pinon, 36 ins. diam., bears N. 62<math>\frac{3}{4}</math>° W., 44 lks. dist., marked <math>\frac{1}{4}</math> S 10 B.T.</p>
54.10	S. rim of gulch, bears E. and W.; descend abruptly.
59.25	Bottom of gulch, 145 ft. below rim, drains E.; ascend abruptly S. slope.
64.50	N. rim of gulch, bears NW. and E.; thence over rolling bench.
69.30	Leave timber, bears E. and W.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 2,3,10 and 11, with brass cap marked



Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant from cor.

Land, rolling and broken bench; general N. exposure and drainage.

Soil, shallow brown sandy loam and sandstone rock.

Timber, dense cedar and pinon on central portion of mile.

Undergrowth, sagebrush and grass.

Good grazing land.

N.89°49'E., on a random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

79.74 Intersect N. and S. line 14 lks. N. of the cor. of secs. 1,2,11 and 12.

Thence

S.89°55'W., on true line bet. secs. 2 and 11.

Over rolling bench land through undergrowth of sagebrush.

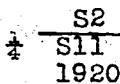
10.75 Top of ascent, bears N. and S.; gradually descend W. slope.

28.85 Gulch, 125 ft. below top of ascent, drains N.; ascend.

30.65 Ledge rim of gulch, 50 ft. above bottom, bears N. and S.; gradually ascend E. slope.

39.87 Top of spur, 65 ft. above rim, projects N.

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 16 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



From which

A cedar, 4 ins.diam., bears N.60 1/2°E., 64 lks.

dist., marked 1/4 S 2 B T

A cedar, 28 ins.diam., bears S.19 1/2°W., 76 lks.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

dist., marked  $\frac{1}{4}$  S 11 B T  
 44.75 Head of gulch, drains N.20°E; gradually ascend gentle E. slope.

53.25 Leave timber, bears N. and S.

79.74 The cor. of secs. 2,3,10 and 11.  
 Land, rolling and broken bench; general N. exposure and drainage.  
 Soil, shallow brown sandy loam and sandstone rock.  
 Timber, cedar, pinon and scattering red pine on E.53.25 c  
 Undergrowth, sagebrush and grass.  
 Good grazing land.

N.0°10'W., on a random line bet. secs. 2 and 3.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

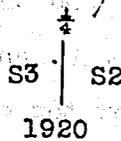
78.12 Intersect N. bdy. of the tp. 23 lks. E. of the cor. of secs. 2,3,34 and 35.

Thence

S.0°20'E., on true line bet. secs. 2 and 3.

Over rolling bench land through undergrowth of sagebrush.

38.12 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. distant.

78.12 The cor. of secs. 2,3,10 and 11.

Land, rolling bench; N. exposure and drainage.

Soil, brown sandy loam and sandstone rock.

No timber.

Undergrowth, sagebrush and grass.

Good grazing land.

From the standard cor. of secs. 33 and 34 on the S. bdy. of the tp. which is an iron post, 2 ins. diam., firmly set in the ground and mound of stone, marked and witnessed as described by the surveyor general.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

N.0°02'W., bet. secs. 33 and 34.  
Over rough mountainous land through cedar and pinon timber and undergrowth of sagebrush. Descend.

3.00 South rim of Meadow Creek Canyon, bears E. and W.; desc. abruptly over ledges and boulders.

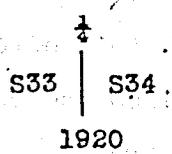
18.75 Enter bottom of Meadow Cr. Canyon and stream, 5 lks. wide, 4 ins. deep, good water, 610 ft. below sec. cor., course N.70°W.; canyon bears W. and SE. Leave timber and undergrowth; thence across meadow.

27.53 Irrigation ditch on N. side of meadow, course W.

27.63 Road on N. side of canyon bottom, bears N.70°E. and S.70°W.

28.00 Leave canyon, enter cedar, pinon and red pine timber, bears N.70°E. and S.70°W.; ascend abruptly series of broken sandstone ledges.

40.00 On steep S. slope, 225 ft. above canyon.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked



From which

A pinon, 10 ins. diam., bears N.25 1/2°E., 28 lks. dist., marked 1/4 S 34 B T

A pinon, 5 ins. diam., bears N.76°W., 32 lks. dist., marked 1/4 S 33 B T

45.35 Top of sandstone ledge, 100 ft. high, bears E. and W.

46.65 Spur, 320 ft. above 1/4 sec. cor., projects W.; descend abruptly.

57.25 Gulch, 380 ft. below spur, drains SW.; ascend abruptly.

62.00 Spur, 140 ft. above gulch, projects SW.; gradually descend.

74.05 Gulch, 110 ft. below spur, drains SW.; ascend.

77.77 Trail, bears NE. and SW.

80.00 On E. slope 140 ft. above gulch.  
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, with brass cap marked

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

T15S	R21E
S28	S27
S33	S34

1920

From which

A red pine, 18 ins.diam., bears N.82 $\frac{1}{2}$ °E., 65 lks.

dist., marked T 15 S R 21 E S 27 B T

A red pine, 18 ins.diam., bears S.39 $\frac{1}{2}$ °E., 99 lks.

dist., marked T 15 S R 21 E S 34 B T

A red pine, 24 ins.diam., bears S.28 $\frac{1}{2}$ °W., 102 lks

dist., marked T 15 S R 21 E S 33 B T

A red pine, 18 ins.diam., bears N.14 $\frac{1}{2}$ °W., 42 lks.

dist., marked T 15 S R 21 E S 28 B T

Land, rough mountainous with exception of bottom of

Meadow Cr. Canyon. General N. and S. exposure and

drainage into Meadow Cr. which drains W. Slopes are

steep and rugged, broken by sandstone ledges and surface

is strewn with sandstone boulders.

Soil, mountainous land, shallow brown sandy loam and

sandstone rock. Soil of canyon bottom, rich loam.

Timber, cedar, pinon and scattering red pine.

Undergrowth, sagebrush.

Fair grazing land.

East, on a random line bet. secs. 27 and 34.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

79.98 Intersect N. and S. line 9 lks. N. of the cor. of secs.

26, 27, 34 and 35.

Thence

N.89°56'W., on true line bet. secs. 27 and 34.

Over broken mountainous land draining SW. into Meadow

Cr. Canyon, through dense cedar, pinon and red pine

timber, scattering sage, oak and buck brush undergrowth.

.35 Center of wash, 30 lks. wide, 3 ft. deep, in gulch, drains

S.70°W.; gradually ascend along rocky S. slope.

11.25 Top of ascent on S. slope, 100 ft. above gulch; descend

SW. slope.

16.75 Draw, 120 ft. below top ascent, drains SW.; ascend steep,

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

rocky E. and SE. slopes.

28.50 Rim; 410 ft. above draw; bears N.60°E. and S.60°W.;  
thence over rolling top of bench gradually descending.

39.99 On gentle W. slope.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S27  
—  
S34  
1920

From which

A pinon, 12 ins. diam., bears N.10°E., 33 lks.  
dist., marked  $\frac{1}{4}$  S 27 B T

A pinon, 12 ins. diam., bears S.20°W., 50 lks.  
dist., marked  $\frac{1}{4}$  S 34 B T

55.00 Swale, 100 ft. below  $\frac{1}{4}$  sec. cor., drains SW.; ascend.

61.00 Top of ascent, 60 ft. above swale, bears NE. and SW.

63.65 Rim of canyon, bears NE. and SW.; descend abruptly W.  
slope over series of sandstone ledges.

76.10 Deep gulch, 425 ft. below rim, drains S.10°W.; ascend  
abruptly E. slope.

77.65 Trail, bears N.10°E. and S.10°W.

79.98 The cor. of secs. 27, 28, 33 and 34, 60 ft. above gulch.  
Land, rough, broken mountains; general SW. exposure and  
drainage to Meadow Canyon.

Soil, brown and grey sandy loam and sandstone rock.

Timber, dense cedar, pinon, red pine and red cedar.

Undergrowth, scattering sage, buck and oak brush.

Poor grazing land.

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N.0°02'W., bet. secs. 27 and 28.

Over rough mountainous land through cedar, pinon and  
pine timber, undergrowth sage, scattering buck and  
oak brush. Ascend E. and SE. slopes of gulch.

15.00 Rim of gulch, 400 ft. above cor., bears NE. and SW.;  
gradually descend W. slope through dense timber.

26.65 Base of depression on W. slope, 90 ft. below rim;  
gradually ascend 45 ft. to

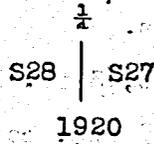
SUBDIVISION OF T.15 S., R.21 E.

CHAINS

40.00

On W. slope.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



From which

A pinon, 16 ins. diam., bears N.48°E., 41 lks.

dist., marked  $\frac{1}{4}$  S 27 B T

A pinon, 8 ins. diam., bears N.8 $\frac{1}{2}$ °W., 37 lks.

dist., marked  $\frac{1}{4}$  S 28 B T

Continue gradual ascent W. slope.

51.10

Rim of canyon, near head, 115 ft. above  $\frac{1}{4}$  sec. cor., bears NE. and SW.; gradually ascend.

56.95

Leave timber, enter dense undergrowth, bears E. and W.

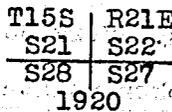
61.85

Top of bench, 45 ft. above canyon rim, bears E. and W.

Gradually ascend over bench.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, with brass cap marked



Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant from cor.

Land, S. portion of mile rough mountains, N. portion rolling bench; general S. exposure and drainage.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar, pinon and scattering red pine on S. 56.95 chs.

Undergrowth, sagebrush and grass.

Good grazing land.

S.89°56'E., on a random line bet. secs. 22 and 27.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

79.98

Intersect N. and S. line 30 lks. S. of the cor. of secs. 22, 23, 26 and 27

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Thence

S.89°51'W., on true line bet. secs. 22 and 27.

Over rolling bench land through dense undergrowth of sagebrush.

39.99 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S22  
S27  
1920

From which

A cedar, 24 ins.diam., bears S.48 $\frac{1}{2}$ °W., 345 lks. dist., marked  $\frac{1}{4}$  S 27 B T

A cedar, 40 ins.diam., bears N.79°W., 238 lks. dist., marked  $\frac{1}{4}$  S 22 B T

There are a few scattering cedar and pinon trees in the vicinity of this cor.

79.98 The cor. of secs. 21, 22, 27 and 28.

Land, rolling bench; general N. exposure and drainage.

Soil, brown sandy loam and sandstone rock.

Timber, a few scattering cedar and pinon.

Undergrowth, dense sagebrush.

Good grazing land.

N.0°02'W., bet. secs. 21 and 22.

Over rolling land through sagebrush undergrowth.

15.00 Head of gulch, drains S.80°W.; enter scattering cedar and pinon timber, bears E. and S.80°W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S21 | S22  
1920

From which

A cedar, 8 ins.diam., bears S.50 $\frac{1}{2}$ °E., 39 lks. dist., marked  $\frac{1}{4}$  S 22 B T

A cedar, 6 ins.diam., bears West, 39 lks. dist., marked  $\frac{1}{4}$  S 21 B T

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 57.40 Head of gulch, drains N.30°E.; enter medium growth of cedar and pinon timber, bears N.30°E. and S.30°W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 15,16,21 and 22, with brass cap marked

T15S	R21E
S16	S15
S21	S22
1920	

From which

- A pinon, 36 ins.diam., bears N.20°E., 150 lks. dist., marked T 15 S R 21 E S 15 B T
- A pinon, 36 ins.diam., bears S.29½°E., 15 lks. dist., marked T 15 S R 21 E S 22 B T
- A pinon, 8 ins.diam., bears S.35½°W., 63 lks. dist., marked T 15 S R 21 E S 21 B T
- A pinon, 10 ins.diam., bears N.38½°W., 96 lks. dist., marked T 15 S R 21 E S 16 B T

Land, rolling bench; drains SW. on S. portion and NE. on N. portion of mile.

Soil, brown sandy loam and sandstone rock.

Timber, cedar and pinon.

Undergrowth, dense sagebrush and grass.

Good grazing land.

40.00 N.89°51'E., on a random line bet. secs. 15 and 22.

Set temp. ¼ sec. cor.

79.94 Intersect N. and S. line 5 lks. S. of the cor. of secs. 14,15,22 and 23.

Thence

S.89°49'W., on true line bet. secs. 15 and 22.

Over rolling bench land through undergrowth of sagebrush.

21.95 Enter cedar and pinon timber, bears N. and S.

28.75 Rim of gulch, bears N.10°W. and S.10°E.; descend abruptly W. slope.

36.15 Bottom of gulch, 280 ft. below rim, drains NW.; ascend abruptly E. slope 80 ft. to

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

39.97 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S15  
S22  
1920

From which

A cedar, 8 ins. diam., bears S. 53° W., 35 lks.

dist., marked  $\frac{1}{4}$  S 22 B T

A pinon, 6 ins. diam., bears N. 15° W., 120 lks.

dist., marked  $\frac{1}{4}$  S 15 B T

Continue steep ascent E. slope.

44.45 Rim of gulch, 175 ft. above  $\frac{1}{4}$  sec. cor., bears NE. and SW.;

thence over rolling bench, through scattering timber.

66.95 Top of ascent on bench and enter dense timber, bears N. and S.; descend W. slope.

71.75 Gulch, 115 ft. below top of ascent, drains N. 20° E.; ascend E. slope 115 ft. to

79.9# The cor. of secs. 15, 16, 21 and 22.

Land, rolling and broken bench; general N. exposure and drainage.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar and pinon.

Undergrowth, sagebrush and grass.

Good grazing land.

N. 0° 02' W., bet. secs. 15 and 16.

Gradually ascend over rolling bench land through dense

cedar and pinon timber and undergrowth of sagebrush.

21.00 Leave timber, bears NE. and SW.

26.100 Top of slope, 35 ft. above cor., bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S16 | S15  
1920

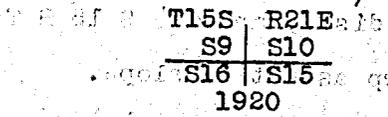
Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

distant.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 45.00 Enter scattering cedar and pinon timber; bears NE. and S
- 61.30 Begin gradual descent N. slope to rim of gulch.
- 72.50 Rim of gulch, bears NE. and SW.; descend abruptly NW. slope through dense timber.
- 80.00 On NW. slope 205 ft. below rim of gulch:



From which

A pinon, 8 ins.diam., bears N.56 $\frac{1}{2}$ °E., 15 lks.

dist., marked T 15 S R 21 E S 10 B T

A cedar, 6 ins.diam., bears S.65°E., 48 lks.

dist., marked T 15 S R 21 E S 15 B T

A pinon, 8 ins.diam., bears S.89 $\frac{1}{2}$ °W., 44 lks.

dist., marked T 15 S R 21 E S 16 B T

A pinon, 7 ins.diam., bears N.34 $\frac{1}{2}$ °W., 31 lks.

dist., marked T 15 S R 21 E S 9 B T

Land, rolling and broken bench; general N. exposure and drainage.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar and pinon and scattering red pine.

Undergrowth, sagebrush and grass.

Good grazing land.

N.89°49'E., on a random line bet. secs. 10 and 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect N. and S. line 5 lks. N. of the cor. of secs. 10,11,14 and 15.

Thence

S.89°51'W., on true line bet. secs. 10 and 15.

Over rolling and broken bench through undergrowth of sagebrush and scattering oak brush.

10.70 Rim of gulch, bears NE. and SW.; enter cedar and pinon timber, bears NE. and SW.; descend abruptly W. slope.

## SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
18.00	Gulch, 255 ft. below rim, drains N.; ascend steep E. slope.
25.20	W. rim of gulch, 240 ft. above bottom, bears N.20°E. and S.20°W.; thence across bench.
36.70	Rim of gulch, bears N. and S.; descend abruptly.
39.98	On steep W. slope 165 ft. below rim. Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{S10}{S15}$ 1920
	Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. No suitable bearing trees are available.
	Continue steep descent.
49.50	Gulch, 200 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend abruptly E. slope.
64.25	W. rim of gulch, 320 ft. above bottom, bears N. and S.; gradually descend.
68.15	E. rim of gulch, bears NE. and SW.; descend abruptly NW. slope 200 ft. to
79.96	The cor. of secs. 9, 10, 15 and 16. Land, rough broken bench, cut by deep gulches; general N. exposure and drainage. Soil, shallow sandy loam and sandstone rock. Timber, cedar and pinon and scattering red pine. Undergrowth, sage, scattering oak brush and grass. Good grazing land.
	N.0°02'W., bet. secs. 9 and 10.
	Over rough and broken bench land through dense cedar and pinon timber and undergrowth of sage and scattering oak brush. Descend.
.60	Gulch, 20 ft. below cor., drains NE.; ascend abruptly SE. slope.
11.90	Rim of gulch, 225 ft. above bottom, bears NE. and SW.; thence over bench.
17.30	Leave dense and enter scattering timber, bears N.60°E.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

and SW.

40.00 On gentle NW. slope.  
 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 16 ins. in a mound of stone for  $\frac{1}{2}$  sec. cor., with brass cap marked  
 S9 | S10  
 1920

From which

A pinon, 8 ins. diam., bears S.22°W., 166 lks.  
 dist., marked  $\frac{1}{2}$  S 9 B T

No other suitable trees available.

42.00 Rim of gulch, bears NE. and SW.; descend abruptly.

53.10 Gulch, 100 ft. below rim, drains NE.; ascend SE. slope.

58.00 Ledge rim of gulch, bears NE. and SW. 50 ft. above bottom of gulch; thence over bench near W. brink of gulch.

64.70 Rim of gulch, bears NW. and SE.; enter dense timber.  
 Descend along E. break of gulch.

76.40 Leave dense and enter scattering timber, bears E. and W.

78.00 Point of bench, projects NE.; descend.

80.00 On N. slope 165 ft. below rim of gulch.  
 Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T15S	R21E
S4	S3
S9	S10
1920	

From which

A pinon, 7 ins. diam., bears N.5°W., 29 lks.  
 dist., marked T 15 S R 21 E S 4 B T

No other suitable trees available.

Land, rolling and broken bench; general N. exposure and drainage.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar, pinon and scattering pine.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	Undergrowth, sagebrush and grass. Good grazing land.
40.00	N.89°51'E., on a random line bet. secs. 3 and 10 Set temp. 1/4 sec. cor.
79.96	Intersect N. and S. line 7 lks. S. of the cor. of secs. 2,3,10 and 11. Thence S.89°48'W., on true line bet. secs. 3 and 10. Over rolling bench land through undergrowth of sagebrush.
30.50	Enter cedar and pinon timber, bears N. and S.; begin gradual descent over W. slope to rim of gulch.
39.98	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked S3 S10 1920 From which A pinon, 16 ins. diam., bears S.4 1/2°E., 48 lks. dist., marked 1/4 S 10 B T A twin pinon, 30 ins. diam., bears N.36 1/2°W., 74 lks. dist., marked 1/4 S 3 B T
46.20	Rim of gulch, 25 ft. below 1/4 sec. cor., bears N.20°W. and S.20°E.; descend abruptly.
50.65	Ledge, bears N.20°W. and S.20°E.
64.65	Gulch, 385 ft. below rim, drains N.20°W.; leave timber, bears N.20°W. and S.20°E.; thence in gulch.
67.20	Leave gulch, bears N. and S.; ascend abruptly E. slope.
70.70	Enter cedar and pinon timber, bears N. and S.
79.40	Point of bench, 270 ft. above gulch; projects NE.; descend N. slope to
79.96	The cor. of secs. 3,4,9 and 10. Land, broken bench cut by deep gulches; general N. exposure and drainage. Soil, shallow brown sandy loam and sandstone rock. Timber, cedar, pinon and scattering red pine. Undergrowth, sage, scattering oak brush and grass. Good grazing land.

SUBDIVISION OF T.16 S., R.21 E.

CHAINS	N.0°20'W., on a random line bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.51	Intersect N. bdy. of the tp. 2 lks. E. of the cor. of secs. 3, 4, 9 and 10. Thence
	S.0°21'E., on true line bet. secs. 3 and 4.
	Over rough and broken bench land through undergrowth of sage, scattering service berry and oak brush; a few scattering cedar and pinon on both sides of line.
	Gradually descend in bottom of canyon.
3.75	Wash, in canyon, drains NE.; ascend.
8.10	Point of spur, 40 ft. above wash, projects W. 1 ch.; descend.
13.90	Bottom of same canyon and wash, 40 ft. below spur, drains NW.; enter medium growth of cedar and pinon timber, bears NW. and SE.; ascend abruptly NE. slope.
35.00	Rim of canyon, 250 ft. above bottom, bears NW. and SE.; thence over bench through dense timber.
38.51	On bench, 50 lks. W. of rim of canyon. Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked S40°E. 3' S3°00'W. 1920 From which A pinon, 8 ins. diam., bears N. 38 $\frac{1}{2}$ °E., 40 lks. dist., marked $\frac{1}{4}$ S 3 BIT A cedar, 10 ins. diam., bears S. 48°W., 50 lks. dist., marked $\frac{1}{4}$ S 4 BIT
61.10	Ledge, 60 ft. high and rim of gulch, bears N. 60°E. and S. 60°W.; descend abruptly.
71.00	Gulch, 290 ft. below rim, drains N. 70°E. about 10 chs. to junction with canyon, thence NE.; ascend abruptly NW. slope 180 ft. to
78.51	The cor. of secs. 3, 4, 9 and 10.

## SUBDIVISION OF T.15 S., R.21 E.

## CHAINS

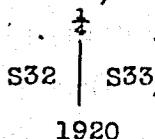
Land, rough and broken bench, cut by deep canyons and gulches; general N. exposure and drainage.  
 Soil, shallow brown sandy loam and sandstone rock.  
 Timber, cedar, pinon and red pine; timber dense on bench.  
 Undergrowth, sagebrush with scattering service berry and oak brush on slopes.  
 Good grazing land.

From the standard cor. of secs. 32 and 33 on the S. bdy. of the tp. which is an iron post, 2 ins. in dia., firmly set in the ground, and marked and witnessed as described by the surveyor general.

N.0°03'W., bet. secs. 32 and 33.

Gradually descend along W. side of ridge over rough mountainous land through dense cedar, pinon and red pine timber and undergrowth of sagebrush and grass.

40.00 On rocky spur, 130 ft. below sec. cor., projects NW.  
 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for  $\frac{1}{2}$  sec. cor., with brass cap marked



From which

A pinon, 15 ins. diam., bears N.60 $\frac{1}{2}$ °E., 36 lks. dist., marked  $\frac{1}{4}$  S 33 B T

A pinon, 8 ins. diam., bears N.72 $\frac{1}{2}$ °W., 62 lks. dist., marked  $\frac{1}{4}$  S 32 B T

Descend abruptly into Meadow Cr. Canyon.

55.15 Bottom of Meadow Cr. Canyon and leave timber, 555 ft. below  $\frac{1}{2}$  sec. cor., bears E. and W.; thence across canyon.

58.25 Meadow Creek, 5 lks. wide, 4 ins. deep, good water, course W.

62.25 Enter cultivated land, bears E. and W.

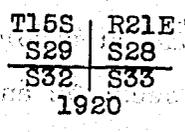
65.83 Irrigation ditch, course W., on N. side of cultivated field, bears E. and W.

SUBDIVISION OF T.15 S., R.21 E

CHAINS

- 65.95 Wagon road, bears NE. and SW.
- 66.60 Stack yard on line.
- 66.80 Leave canyon and enter cedar, pinon and red pine timber, bears E. and W.; ascend abruptly S. slope over series of sandstone ledges.
- 80.00 On E. slope 230 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 28, 29, 32 and 33, with brass cap marked



From which

- A pinon, 10 ins.diam., bears N.14 $\frac{1}{2}$ °E., 23 lks. dist., marked T 15 S R 21 E S 28 B T
- A red pine, 14 ins.diam., bears S.22°E., 50 lks. dist., marked T 15 S R 21 E S 33 B T
- A red pine, 8 ins.diam., bears S.35 $\frac{1}{2}$ °W., 70 lks. dist., marked T 15 S R 21 E S 32 B T
- A red pine, 6 ins.diam., bears N.78 $\frac{3}{4}$ °W., 66 lks. dist., marked T 15 S R 21 E S 29 B T

Land, rough mountainous with exception of bottom of Meadow Cr. Canyon which is nearly level. General N. and S. slopes into canyon.

Soil, of mountainous land, shallow sandy loam and rocky of sandstone formation; soil of canyon, rich sandy loam.

Timber, cedar, pinon and red pine on slopes of canyon.

Undergrowth, sage, scattering service berry and oak brush.

Poor grazing land.

East, on a random line bet. secs. 28 and 33.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

- 80.16 Intersect N. and S. line 17 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence

## SUBDIVISION OF T.15 S., R.21 E.

## CHAINS

S.89°53'W., on true line bet. secs. 28 and 33.

Over rough mountainous land on S. break of Meadow Creek

Canyon, through dense cedar, pinon and red pine timber and undergrowth of sagebrush. Ascend abruptly E. and SE. slopes over series of sandstone ledges.

9.45 Ridge, 260 ft. above cor., bears N. and S.; descend abruptly.

25.65 Canyon, 335 ft. below ridge, drains SW.; ascend abruptly

36.20 Spur, 210 ft. above canyon, projects S.; descend.

40.08 On steep W. slope 140 ft. below spur.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S28  
—  
 $\frac{1}{4}$  S33  
1920

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

No suitable bearing trees available.

Continue descent W. slope.

58.10 Canyon, 430 ft. below  $\frac{1}{4}$  sec. cor., drains S.; ascend.

69.45 Spur, 80 ft. above canyon, projects S.; descend.

75.95 Wash, in bottom of gulch, 175 ft. below spur, drains S.; ascend 65 ft. to

80.16 The cor. of secs. 28, 29, 32 and 33.

Land, rough mountainous; general S. exposure and drainage to Meadow Canyon.

Soil, shallow brown and gray sandy loam and rocky; sandstone formation.

Timber, cedar, pinon and red pine.

Undergrowth, sage, scattering buck and oak brush.

Fair grazing land.

N.0°03'W., bet. secs. 28 and 29.

Over rough mountainous land through cedar, pinon and red pine timber and undergrowth of sagebrush. Ascend SE.

slope of break of Meadow Canyon.

12.60 Ledge, 100 ft. high, bears NE. and SW.

30.00 Top of ascent on SE. slope, thence along nearly E. slope.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 35.00 Rim of canyon, 580 ft. above sec. cor., bears E. and W.; thence over rolling bench.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked  

S29		S28
1920		
- From which
  - A cedar, 28 ins.diam., bears S.  $63\frac{1}{2}^{\circ}$ E., 73 lks. dist., marked  $\frac{1}{4}$  S 28 B T
  - A pinon, 6 ins.diam., bears S.  $11\frac{1}{2}^{\circ}$ W., 44 lks. dist., marked  $\frac{1}{4}$  S 29 B T
- 45.00 Leave timber, bears E. and W.
- 58.00 Enter dense cedar and pinon timber, bears E. and W.
- 60.00 Top of ascent on bench, 15 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.; gradually descend.
- 61.30 Rim of canyon, bears E. and W.; descend abruptly.
- 64.50 Bottom of canyon, 110 ft. below rim, drains W.; ascend abruptly.
- 68.80 Spur, 100 ft. above canyon, projects SW.; leave dense timber, bears NE. and SW.; descend abruptly NW. slope.
- 77.15 Bottom of canyon, 140 ft. below spur, drains SW.; ascend abruptly 65 ft. to
- 80.00 On SE. slope of canyon.
 

T15S		R21E
S20		S21
S29		S28
1920		
- From which
  - A red pine, 36 ins.diam., bears N.  $35\frac{1}{2}^{\circ}$ E., 77 lks. dist., marked T 15 S R 21 E S 21 B T
  - A pinon, 6 ins.diam., bears S.  $73\frac{1}{2}^{\circ}$ E., 21 lks. dist., marked T 15 S R 21 E S 28 B T
  - A pinon, 8 ins.diam., bears S.  $60\frac{1}{2}^{\circ}$ W., 62 lks. dist., marked T 15 S R 21 E S 29 B T

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

A pinon, 20 ins.diam., bears N.62°W., 40 lks.  
dist., marked T 15 S R 21 E S 20' B T

Land, rough mountainous and rolling bench; general S. and  
W. exposure and drainage into Meadow and Willow Creek  
Canyons.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar, pinon and red pine.

Undergrowth, sage, scattering buck and oak brush.

Good grazing land.

N.89°53'E., on a random line bet. secs. 21 and 28.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect N. and S. line 12 lks. N. of the cor. of secs.  
21, 22, 27 and 28.

Thence

S.89°58'W., on true line bet. secs. 21 and 28.

Over rolling bench land through sagebrush undergrowth.

11.50 Enter dense cedar, pinon and scattering red pine timber,  
bears NE. and SW.

13.50 Begin gradual descent W. slope to rim of canyon.

24.00 Rim of canyon, bears NE. and SW.; descend abruptly NW.  
slope.

29.30 Trail, along side of canyon, bears NE. and SW.

32.25 Bottom of canyon, 245 ft. below rim, drains SW.; ascend  
abruptly E. slope.

40.01 Rim of canyon, 270 ft. above bottom, bears NE. and SW.;  
point for  $\frac{3}{4}$  sec. cor. falls on ledge where cor. cannot  
be set; witness cor. set at 40.35 chs.

Gradually ascend over rolling bench.

40.35 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in  
the ground on solid rock and 10 ins. in a mound of  
stone for witness cor. to the  $\frac{3}{4}$  sec. cor., with brass  
cap marked

$\frac{1}{4}$   $\frac{S21}{S28}$  WC  
1920

From which

## SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
	A pinon, 24 ins. diam., bears N. $7\frac{1}{2}^{\circ}$ E., 45 lks. dist., marked W C $\frac{1}{2}$ S 21 B T
	A pinon, 10 ins. diam., bears S. $82\frac{1}{2}^{\circ}$ W., 30 lks. dist., marked W C $\frac{1}{2}$ S 28 B T
48.20	Leave timber, bears NE. and SW.
63.00	Rim of canyon and enter cedar and pinon timber, bears NE. and SW.; descend abruptly NW. slope.
76.00	Bottom of canyon, 230 ft. below rim, drains SW.; ascend abruptly SE. slope 55 ft. to
80.02	The cor. of secs. 20, 21, 28 and 29.
	Land, rolling and broken bench; general SW. exposure and drainage.
	Soil, shallow brown sandy loam and sandstone rock.
	Timber, cedar, pinon and scattering red pine.
	Undergrowth, sage and scattering clusters of oak brush.
	Good grazing land.
	N. $0^{\circ}03'W.$ , bet. secs. 20 and 21.
	Over rough, broken bench land through cedar and pinon timber and undergrowth of sagebrush. Ascend SE. slope.
4.80	Spur, 140 ft. above cor., projects SW.; descend.
11.50	Gulch, 60 ft. below spur, drains SW.; gradually ascend.
25.00	Rim of bench and leave timber, 100 ft. above gulch, bears E. and SW.; thence over rolling bench.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{2}$ S20   S21 1920
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. distant.
	No suitable bearing trees available.
43.80	Enter cedar and pinon timber, bears E. and W.
47.70	Rim of gulch, bears E. and W.; descend N. slope.
51.30	Gulch, 65 ft. below rim, drains W.; ascend.
64.10	Rim of gulch and bench, 75 ft. above gulch, bears E. and W.; descend N. slope.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 74.30 Gulch, 165 ft. below rim, drains W.; ascend S. slope.
- 77.00 Spur, 80 ft. above gulch, projects SW.; descend 20 ft. to
- 80.00 On NW. slope.

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground to solid rock and 18 ins. in a mound of stone for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T15S	R21E
S17	S16
S20	S21
1920	

From which

A pinon, 8 ins. diam., bears N. 73 $\frac{1}{2}$ ° E., 77 lks. dist., marked T 15 S R 21 E S 16 B T

A red pine, 16 ins. diam., bears S. 25 $\frac{1}{2}$ ° E., 47 lks. dist., marked T 15 S R 21 E S 21 B T

A pinon, 8 ins. diam., bears S. 15 $\frac{1}{2}$ ° W., 41 lks. dist., marked T 15 S R 21 E S 20 B T

A red pine, 16 ins. diam., bears N. 44 $\frac{1}{2}$ ° W., 94 lks. dist., marked T 15 S R 21 E S 17 B T

Land, rough, broken bench; general W. exposure and drainage.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar, pinon and scattering red pine.

Undergrowth, sage, scattering oak and buck brush.

Good grazing land.

---

N. 89° 58' E., on a random line bet. secs. 16 and 21.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line 5 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

West, on true line bet. secs. 16 and 21.

Over rolling bench land through undergrowth of sagebrush.

A few scattering cedar and pinon on both sides of line.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S16
$\frac{1}{4}$ S21
1920

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.
55.00	Head of gulch, drains SW.; enter scattering cedar and pinon timber, bears NE. and SW.
75.50	Rim of gulch and enter dense timber, bears NE. and SW.; gradually descend NW. slope 50 ft. to
80.00	The cor. of secs. 16,17,20 and 21, 55 ft. below rim. Land, rolling bench; drains N. on eastern portion and SW. on western portion of mile.
	Soil, brown sandy loam, sandstone bedrock close to surface
	Timber, scattering cedar and pinon on mile; dense in western portion.
	Undergrowth, sage, scattering clusters of oak and buck brush.
	Good grazing land.
<hr/> N.0°03'W., bet. secs. 16 and 17.	
	Over rolling bench land through dense cedar, pinon and scattering red pine timber and undergrowth of sagebrush
	Gradually descend.
1.50	Gulch, heads about 5 chs. NE. and drains SW.; gradually ascend.
13.50	Rim of gulch and leave timber, bears E. and W.; gradually ascend over bench.
33.00	Low ridge on bench, bears E. and N.10°W.; descend gradually
40.00	On gentle NW. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \hline S17 \quad   \quad S16 \end{array}$
	1920
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. distant.
80.00	On gentle NE. slope.
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 8,9,16 and 17, with
	brass cap marked

SUBDIVISION OF T.15 S., R.21 E

CHAINS

T15S	R21E
S8	S9
S17	S16
1920	

Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. distant from cor.

Land, rolling bench; drains SW. on S. portion and N. on N. portion of mile.

Soil, brown sandy loam; sandstone formation.

Timber, cedar, pinon and red pine on S. 13.50 chs.

Undergrowth, sagebrush and grass.

Good grazing land.

East, on a random line bet. secs. 9 and 16.

40.00 Set temp. 1/2 sec. cor.

80.02 Intersect N. and S. line 42 lks. S. of the cor. of secs. 9,10,15 and 16.

Thence

S.89°42'W., on true line bet. secs. 9 and 16.

Over rolling and broken bench land through dense cedar and pinon and scattering red pine timber, undergrowth sagebrush. Descend NW. slope.

4.50 Gulch, 35 ft. below cor., drains NE.; ascend abruptly.

11.60 Rim of gulch and leave timber, 190 ft. above bottom, bears NE. and SW.; thence over rolling bench.

40.01 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/2 sec. cor., with brass cap marked

1/2	S9
1/2	S16
1920	

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.

74.50 Head of gulch, drains NW.; gradually ascend 30 ft. to

80.02 The cor. of secs. 8,9,16 and 17.

Land, rolling and broken bench; general N. exposure and drainage.

Soil, shallow brown sandy loam; sandstone formation.

Timber, dense cedar and pinon and scattering red pine on eastern portion of mile.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Undergrowth, dense sagebrush.

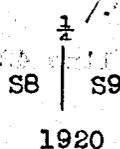
Good grazing land.

N.0°03'W., bet. secs. 8 and 9.

Over broken bench land through very scattering cedar and pinon timber and undergrowth of sagebrush. Gradually descend gentle N. slope.

31.40 Enter medium growth cedar and pinon timber, bears SE. and SW.

40.00 On NE. slope about 5 chs. W. of rim of canyon. Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 18 ins. in a mound of stone for 1/2 sec. cor., with brass cap marked



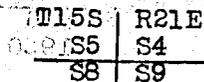
From which

A cedar, 8 ins. diam., bears S.49 1/2°E., 59 lks. dist., marked 1/2 S 9 B T

A cedar, 14 ins. diam., bears N.17 1/2°W., 115 lks. dist., marked 1/2 S 8 B T

66.65 Rim of canyon, bears NW. and SE.; descend abruptly.

80/00 On NE. slope, 470 ft. below rim of canyon. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap marked



1920

From which

A pinon, 8 ins. diam., bears N.59°E., 40 lks.

dist., marked T 15 S R 21 E S 4 B T

A red pine, 8 ins. diam., bears S.45°E., 36 lks.

dist., marked T 15 S R 21 E S 9 B T

A red pine, 9 ins. diam., bears S.62 1/2°W., 20 lks.

dist., marked T 15 S R 21 E S 8 B T

A pinon, 6 ins. diam., bears N.76 1/2°W., 42 lks.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

dist., marked T 15 S R 21 E S 5 B T

Land, rolling and broken bench land; general N. exposure and drainage.

Soil, brown sandy loam, sandstone formation.

Timber, cedar, pinon and scattering red pine on N. 48.60 chs.

Undergrowth, sagebrush and grass.

Good grazing land.

N.89°42'E., on a random line bet. secs. 4 and 9.

40.00 Set temp. 1/4 sec. cor.

79.94 Intersect N. and S. line 5 lks. N. of the cor. of secs. 3,4,9 and 10.

Thence

S.89°44'W., on true line bet. secs. 4 and 9.

Over broken bench land through cedar, pinon and scattering red pine timber and undergrowth of sagebrush. Descend along NW. slope.

7.75 Gulch, 90 ft. below cor., drains NE.; ascend abruptly.

15.45 Rim of gulch and leave timber, 230 ft. above bottom, bears N.30°E. and S.20°W.; thence over rolling bench.

39.97 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

S4  
S9  
1920

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.

52.90 Enter dense timber, bears N.20°W. and SW.

60.90 Rim of canyon, bears NW. and S.20°E.; mouth of gulch at entrance to Willow Creek Canyon, bears N.67°W. Descend abruptly into canyon.

73.40 Bottom of canyon, 620 ft. below rim, drains N.60°W.; gradually ascend 90 ft. to

79.94 The cor. of secs. 4,5,8 and 9.

Land, rolling bench cut by deep canyons and gulches; general N. exposure and drainage.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Soil, brown sandy loam and sandstone rock.

Timber, cedar, pinon and scattering red pine.

Undergrowth, sagebrush and grass.

Good grazing land.

66.82

N.0°21'W., on a random line bet. secs. 4 and 5.

40.00

Set temp. 1/4 sec. cor.

78.86

Intersect N. bdy. of the tp. at the cor. of secs. 4,5, 32 and 33.

Thence

S.0°21'E., on true line bet. secs. 4 and 5.

Over rough mountainous land through dense cedar, pinon and red pine timber and undergrowth of sagebrush.

Ascend abruptly N. slope.

15.50

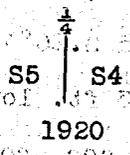
Top of ascent on N. slope, thence along general W. slope.

38.55

Rim of gulch, 380 ft. above sec. cor., bears N.70°W. and S.70°E.; thence over rolling bench.

38.86

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for 1/2 sec. cor., with brass cap marked



From which

A pinon, 14 ins.diam., bears S.80°E., 61 lks. dist., marked 1/4 S 4 B T

A pinon, 16 ins.diam., bears S.56 1/2°W., 40 lks. dist., marked 1/4 S 5 B T

47.60

Rim of canyon and ledge 100 ft. high, bears N.65°W. and S.20°E.; descend abruptly over S. and SW. slopes.

77.50

Bottom of canyon, 570 ft. below rim, drains N.70°W.; ascend abruptly NE. slope 150 ft. to

78.86

The cor. of secs. 4,5,8 and 9. Land, rough mountainous and rolling bench; general NW. exposure and drainage. Soil, shallow brown sandy loam and sandstone rock.

## SUBDIVISION OF T.15 S., R.21 E.

## CHAINS

Timber, cedar, pinon and red pine.  
 Undergrowth, sage, buck and oak brush.  
 Good grazing land.

From the standard cor. of secs. 31 and 32 on the S. bdy.  
 of the tp. which is an iron post, 2 ins. in dia.,  
 firmly set in the ground, and marked and witnessed as  
 described by the surveyor general.

N.0°03'W., bet. secs. 31 and 32.

Over rolling mountainous land facing N., through dense  
 cedar and pinon and scattering red pine and spruce  
 timber and undergrowth of sagebrush. Gradually descend.

17.80 Rim of Meadow Cr. Canyon, bears N.30°E. and S.20°W.;  
 descend abruptly.

40.00 On steep NW. slope 500 ft. below rim.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in  
 the ground on solid rock and 20 ins. in a mound of  
 stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

S31 | S32

1920

From which

A spruce, 6 ins. diam., bears N.40°E., 11 lks.  
 dist., marked  $\frac{1}{4}$  S 32 B T

A spruce, 6 ins. diam., bears S.5°W., 42 lks.  
 dist., marked  $\frac{1}{4}$  S 31 B T

Continue steep descent.

48.50 Gulch, 200 ft. below  $\frac{1}{4}$  sec. cor., drains NE.; ascend.

55.00 Spur, 90 ft. above gulch, projects NE.; descend 140 ft.

57.55 Enter bottom of Meadow Cr. Canyon and leave timber, bears  
 N.80°W. and S.80°E.; thence across canyon through dense  
 sagebrush.

61.70 Road, bears N.70°W. and S.70°E.

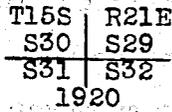
62.40 Meadow Creek, 5 lks. wide, 4 ins. deep, good water,  
 course W.; leave canyon bottom and reenter dense timber,  
 bears N.60°W. and S.80°E.

64.65 Begin steep ascent over series of sandstone ledges.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

69.70 Top of ledge, 60 ft. high, bears E. 3 chs. and W. 1 ch.  
 80.00 On steep S. slope 405 ft. above canyon.  
 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 29,30,31 and 32, with brass cap marked



From which  
 A pinon, 12 ins.diam., bears N.40 $\frac{1}{2}$ °E., 23 lks.  
 dist., marked T 15 S R 21 E S 29 B T  
 A cedar, 6 ins.diam., bears S.63 $\frac{1}{2}$ °E., 84 lks.  
 dist., marked T 15 S R 21 E S 32 B T  
 A pinon, 6 ins.diam., bears S.54 $\frac{1}{2}$ °W., 19 lks.  
 dist., marked T 15 S R 21 E S 31 B T  
 A pinon, 10 ins.diam., bears N.59 $\frac{1}{2}$ °W., 115 lks.  
 dist., marked T 15 S R 21 E S 30 B T

Land, rough mountainous; general N. and S. slopes into Meadow Cr. Canyon which drains westerly.

Soil, brown sandy loam and sandstone rock. Deep sandy loam soil in Meadow Canyon.

Timber, dense cedar, pinon, scattering red pine and spruce on slopes of canyon.

Undergrowth, sagebrush.

Fair grazing land. Land in canyon suitable for farming.

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East, on a random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.90 Intersect N. and S. line 16 lks. S. of the cor. of secs. 28,29,32 and 33.

Thence

S.89°53'W., on true line bet. secs. 29 and 32.

Over rough mountainous land along S. breaks of Meadow Cr. Canyon, through dense cedar and pinon and scattering red pine timber and undergrowth of sagebrush.

Ascend abruptly E. slope.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 9.20 Top of ledge 200 ft. high and rim of canyon, 370 ft. above sec. cor., bears NE. and SW.; thence across point of bench.
- 11.80 Top of ledge and rim of Meadow Cr. Canyon; bears NW. and SE.; thence along S. slope on break of canyon.
- 28.80 Point of bench, 110 ft. below rim at 11.80 chs.; projects SW.; descend abruptly.
- 32.10 Gulch, 150 ft. below point, drains SE.; ascend abruptly.
- 39.79 Point for  $\frac{1}{4}$  sec. cor. will fall on ledge where cor. cannot be set, therefore at this point, Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a large mound of stone for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked

$WC \frac{1}{4}$        $\frac{S29}{S32}$   
 1920

No suitable trees available.

Cor. stands on steep slope at foot of ledge and point of bench.

- 39.95 Point for  $\frac{1}{4}$  sec. cor. on ledge; no cor. set.
- 40.00 Narrow, rocky point of bench, 230 ft. above gulch, projects S. about 50 lks. distant. Descend abruptly.
- 46.90 Depression on S. slope, 150 ft. below point of bench; gradually ascend.
- 60.10 Top of ledge and rim of canyon, 125 ft. above depression, bears NE. and SW.; thence over bench.
- 74.40 Rim of canyon, bears NW. and SE.; descend abruptly S. and SW. slopes 270 ft. to
- 79.90 The cor. of secs. 29,30,31 and 32.  
 Land, rough mountainous; general S. exposure and drainage into Meadow Creek Canyon.  
 Soil, shallow brown sandy loam and sandstone rock.  
 Timber, cedar, piñon and scattering red pine.  
 Undergrowth, sagebrush.  
 Poor grazing land.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect W. bdy. of the tp. at the true cor. point of secs. 25,30,31 and 36. The witness cor. to the cor. of secs. 25,30,31 and 36 which is a sandstone, 12 x 14 x 8 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general, bears North, 3.50 chs. distant.
	Thence East, on true line bet. secs. 30 and 31. Over rough mountainous land through cedar and pinon timber and undergrowth of sagebrush. Descend abruptly E. slope of Willow Creek Canyon over series of broken sandstone ledges.
14.00	Enter bottom of Willow Creek Canyon and leave timber, 610 ft. below sec. cor., bears N.30°E. and S.30°W. Thence across canyon through dense willow undergrowth.
16.95	Willow Creek, 30 lks. wide, 3 ft. deep, good water, course NE.
21.90	Trail in canyon, bears NE. and SW.
22.00	Leave canyon and willow undergrowth, enter scattering timber, bears NE. and SW.; ascend abruptly NW. slope.
28.40	High spur, 310 ft. above canyon, projects N. to junction of Willow Cr. and Meadow Cr. Canyons.; descend abruptly
32.90	Leave timber, bears N. and S.
36.30	Enter bottom of Meadow Cr. Canyon, 315 ft. below spur, bears NW. and SE.; thence across canyon through dense sagebrush and greasewood undergrowth.
39.98	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S30 \\ \hline S31 \\ 1920 \end{array}$
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.
	Note: From this cor. the junction of Willow and Meadow Creeks, bears N. about 12 chs. distant.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
44.90	Meadow Creek, 6 lks. wide, 4 ins. deep, good water, course NW.; enter cedar, pinon and scattering red pine timber, bears NW. and SE.
48.40	Leave canyon bottom, bears NW. and SE.; ascend abruptly.
61.35	Top of ledge 100 ft. high and point of bench, 375 ft. above canyon, projects S. about 1.50 chs.; descend along S. slope.
66.25	Depression, 85 ft. below point. Ascend.
79.98	The cor. of secs. 29, 30, 31 and 32, 170 ft. above depression.
<p>Land, rough, broken mountains with steep slopes into Willow and Meadow Creek Canyons; drainage N.</p> <p>Soil, brown sandy loam and rocky; sandstone formation.</p> <p>Soil in canyons, deep sandy loam.</p> <p>Timber, cedar, pinon and scattering red pine on slopes of canyons.</p> <p>Undergrowth, sage, greasewood and willows.</p>	
<p>N.0°03'W., bet. secs. 29 and 30.</p> <p>Over rough mountainous land through cedar, pinon and scattering red pine timber and undergrowth of sagebrush.</p> <p>Ascend abruptly S. break of canyon.</p>	
6.80	Top of ledge and rim of Meadow Cr. Canyon, 270 ft. above sec. cor., bears S.70°E. and W.; thence over rolling bench.
16.50	S. brink of gulch, bears E. and W.; descend abruptly.
19.50	Gulch, 80 ft. below brink, drains SW.; ascend abruptly.
22.50	N. brink of gulch, 80 ft. above bottom, bears E. and W.; continue over bench.
23.00	Leave timber, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked
<p style="text-align: center;"> <math>\frac{1}{4}</math>        S30   S29        1920     </p>	
Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.	

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 47.90 Enter cedar and pinon and scattering pine timber, bears N.70°E. and W. nearly upon ridge; the canyon
  - 53.20 Rim of canyon, bears N.70°E. and SW.; descend abruptly over series of broken sandstone ledges.
  - 69.75 Bottom of canyon, 670 ft. below rim, drains N.80°W. about 4 chs. to junction with Willow Creek Canyon, thence NW.; ascend abruptly 350 ft. to
  - 80.00 On steep SW. slope. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap marked
- |      |      |
|------|------|
| T15S | R21E |
| S19  | S20  |
| S30  | S29  |
| 1920 |      |
- Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
  - Trees within limits in all secs. but too scrubby to mark.
  - Land, rough mountainous and rolling bench; general W. exposure and N. drainage.
  - Soil, shallow brown sandy loam and sandstone rock.
  - Timber, cedar, pinon and scattering red pine.
  - Undergrowth, sagebrush.
  - Fair grazing on bench, mountainous land very steep.
- 
- N.89°53'E., on a random line bet. secs. 20 and 29.
  - 40.00 Set temp. 1/4 sec. cor.
  - 79.80 Intersect N. and S. line 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.
  - Thence S.89°52'W., on true line bet. secs. 20 and 29.
  - Over rough mountainous land through cedar, pinon and scattering red pine timber and undergrowth of sagebrush.
  - Ascend abruptly SE. slope.
  - 5.40 Spur, 110 ft. above cor., projects SW.; descend abruptly.
  - 13.35 Gulch, 220 ft. below spur, drains SW.; ascend E. slope.
  - 22.30 Point of bench, 220 ft. above gulch, projects SW.;

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

descend SW. slope.

37.20

Gulch, 300 ft. below point, drains SW. to junction with main gulch, thence W.; ascend along S. slope 50 ft. to

39.90

On S. slope about 5 chs. N. of gulch.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S20}{S29} \\ 1920$$

From which

A red pine, 8 ins. diam., bears N.60°E., 49 lks.

dist., marked  $\frac{1}{2}$  S 20 B T

A red pine, 9 ins. diam., bears S.35°E., 55 lks.

dist., marked  $\frac{1}{2}$  S 29 B T

Continue ascent along S. slope.

61.30

Rim of bench, 225 ft. above  $\frac{1}{4}$  sec. cor., bears NE., S. about 50 lks. thence S.80°W.; thence along S. edge of bench.

66.20

High rocky point of bench, bears NW. and S. 40 lks. to ledge 200 ft. high; descend abruptly SW. slope 420 ft.

79.80

The cor. of secs. 19, 20, 29 and 30.

Land, rough, broken bench land; general S. exposure and drainage into deep gulch draining W.

Soil, brown sandy loam and sandstone rock.

Timber, cedar, pinon and scattering red pine.

Undergrowth, sagebrush.

Fair grazing land.

West, on a random line bet. secs. 19 and 30.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.34

Intersect W. bdy. of the tp. 35 lks. N. of the cor. of secs. 19, 24, 25 and 30 heretofore described.

Thence

N.89°45'E., on true line bet. secs. 19 and 30.

Over rolling mountainous bench land through cedar, pinon and scattering red pine timber and undergrowth of sagebrush.

78  
SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 30.65 W. rim of Willow Cr. Canyon, 50 ft. above sec. cor., bears NW. and SE.; descend abruptly general E. slope.
- 40.34 On steep NE. slope 465 ft. below rim.  
Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

S19  
-----  
S30  
1920

- Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
No suitable bearing trees available.
- 47.95 Enter bottom of Willow Cr. Canyon, leave timber, 270 ft. below  $\frac{1}{4}$  sec. cor., bears NW. and SE.; thence across canyon.

- 58.50 Willow Creek, 40 lks. wide, 2 ft. deep, good water, course NW.; dense willow undergrowth along creek.

- 61.15 Road, bears NW. and SE.

- 65.75 Leave canyon, enter cedar, pinon and red pine timber, bears NW. and SE.; ascend abruptly W. slope.

- 75.20 Top of steep ascent and point, 415 ft. above canyon, projects SW.; thence along general S. slope.

- 80.34 The cor. of secs. 19, 20, 29 and 30.

Land, rolling bench on W. 30.65 chs., rough mountainous breaks of Willow Creek Canyon on remainder of mile.  
General E. and W. slopes into Willow Cr. which drains N.  
Soil, brown sandy loam and sandstone rock. Deep, rich sandy loam soil in Willow Creek Canyon.

Timber, cedar, pinon and red pine on bench and slope s of canyon.

Undergrowth, sagebrush and greasewood with dense willows along Willow Creek.

Land, suitable for grazing on bench and in canyon bottom.

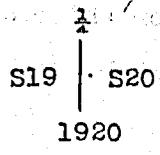
N.0°03'W., bet. secs. 19 and 20.

Ascend abruptly over rough mountainous land on break of Willow Creek Canyon, through cedar, pinon and scatter- in red pine timber.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 11.00 Spur, 360 ft. above cor., projects and descends W.; descend abruptly W. and NW. slopes.
- 35.65 Gulch, 580 ft. below spur, drains SW.; ascend abruptly over sandstone ledges.
- 40.00 On SW. slope 85 ft. above gulch.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

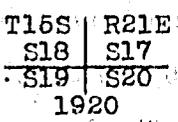


From which

- A red pine, 8 ins.diam., bears S.70 $\frac{1}{2}$ °E., 29 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T
- A pinon, 10 ins.diam., bears S.30 $\frac{1}{2}$ °W., 43 lks..  
dist., marked  $\frac{1}{4}$  S 19 B T

Continue steep ascent.

- 54.15 Top of ledge and rim of canyon, 600 ft. above  $\frac{1}{4}$  sec. cor., bears E., W. about 1 ch., thence N.10°W.; thence along W. edge of bench.
- 55.35 From this point center line of log house in Willow Cr. Canyon, bears N.86°45'W.; center line of bunk house, bears N.88°15'W.; center line of stable bears West.
- 67.45 Top of ascent on bench, 60 ft. above rim, bears N.80°E. and S.80°W.; gradually descend.
- 69.30 Rim of gulch, bears N.80°E. and S.70°W.; descend abruptly.
- 80.00 On steep NW. slope 300 ft. below rim.  
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 17,18,19 and 20, with brass cap marked



From which

- A red pine, 10 ins.diam., bears N.35 $\frac{3}{4}$ °E., 187 lks.  
dist., marked T 15 S R 21 E S 17 B T
- A pinon, 16 ins.diam., bears S.9 $\frac{3}{4}$ °E., 76 lks.  
dist., marked T 15 S R 21 E S 20 B T

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

A red pine, 20 ins.diam., bears S.61°W., 44 lks.  
dist., marked T 15 S R 21 E S 19 B T

A pinon, 8 ins.diam., bears N.17°W., 8 lks.  
dist., marked T 15 S R 21 E S 18 B T

Land, rough mountainous; general W. exposure and drainage  
to Willow Creek Canyon.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar, pinon and red pine.

Undergrowth, sagebrush.

Poor grazing.

N.89°52'E., on a random line bet. secs. 17 and 20.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.90 Intersect N. and S. line 2 lks. S. of the cor. of secs.  
16, 17, 20 and 21.

Thence

S.89°51'W., on true line bet. secs. 17 and 20.

Over rolling and broken bench land through cedar, pinon  
and red pine timber and undergrowth of sagebrush.

Gradually descend.

1.00 Gulch, near head, 10 ft. below cor., drains SW.; grad-  
ually ascend.

11.60 Top of ascent, 45 ft. above gulch, bears NE. and SW.;  
descend abruptly.

18.75 Depression on SW. slope, 160 ft. below top of ascent,  
drains S.30°W.; ascend abruptly.

26.75 Rim of bench, 200 ft. above depression, bears SW. and  
NE. about 10 chs. to head of depression; gradually  
ascend over rolling bench.

37.45 Top of main ascent on bench, bears NE. and SW.; thence  
through dense timber near N. edge of same.

39.95 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S17  
S20  
1920

From which

## SUBDIVISION OF T.15 S., R.21 E.

## CHAINS

A pinon, 12 ins.diam., bears N.  $38\frac{1}{2}^{\circ}$ E., 91 lks.  
dist., marked  $\frac{3}{4}$  S 17 B T

A cedar, 8 ins.diam., bears S.  $46\frac{1}{2}^{\circ}$ W., 27 lks.  
dist., marked  $\frac{1}{2}$  S 20 B T

The N. edge of timber, bears N. about 75 lks. distant.

40.70 Leave timber, enter opening, bears SW., NE. about 1 ch.  
thence N.  $70^{\circ}$ E.

50.00 Leave opening and enter dense timber, bears NW. and SE.

56.10 Leave timber, enter opening, bears NE. and SW.

62.50 Leave opening, enter timber, bears N. and S.

74.25 Rim of canyon, bears N.  $60^{\circ}$ E., SE. about 3 chs., thence  
SW.; descend abruptly 320 ft. to

79.90 The cor. of secs. 17, 18, 19 and 20.

Land, rolling and broken bench, very rough on W. 5.75 chs.  
general W. exposure and drainage to Willow Creek Canyon.

Soil, brown sandy loam and sandstone rock.

Timber, cedar, pinon and red pine.

Undergrowth, sagebrush and grass.

Good grazing land.

S.  $89^{\circ}45'$ W., on a random line bet. secs. 18 and 19.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

81.34 Intersect W. bdy. of the tp. 12 lks. N. of the cor. of  
secs. 13, 18, 19 and 24 heretofore described.

Thence

N.  $89^{\circ}40'$ E., on true line bet. secs. 18 and 19.

Over rough mountainous land through cedar, pinon and red  
pine timber and undergrowth of sagebrush. Descend  
abruptly E. slope of Willow Creek Canyon.

14.40 Leave timber and enter bottom of Willow Creek Canyon  
and dense willow undergrowth, bears NE. and SE.; thence  
across canyon.

14.90 Leave willow undergrowth, bears NE. and SE.; Willow  
Creek, 35 lks. wide, 2 ft. deep, good water, course  
NE.; thence over meadow land.

26.65 Road, bears NW. and SE.

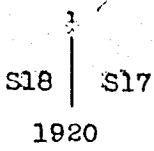
## SUBDIVISION OF T.15 S., R.21 E.

CHAINS	
27.15	Leave canyon bottom and enter timber, bears N.30°W. and S.30°E.; ascend abruptly over ledges.
41.34	On ledgy S. slope 230 ft. above canyon. Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 22 ins. in a large mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{2} \frac{S18}{S19}$ 1920
	No suitable bearing trees available. Continue over steep ledgy slopes of Willow Creek Canyon.
49.17	Top of point of ledge, 200 ft. high, 240 ft. above $\frac{1}{2}$ sec. cor., bears NW. and NE.; from this point center line of log house in Willow Creek Canyon, bears S.22°W.; center line of Bunk house, bears S.21°30'W.; center line of stable bears S.20°45'W.
	Descend along broken, ledgy S. slope.
71.40	Gulch, 115 ft. below point, drains SW.; ascend abruptly NW. slope 270 ft. to
81.34	The cor. of secs. 17,18,19 and 20. Land, rough mountainous slopes of canyon and nearly level canyon bottom. General E. and W. slopes of canyon which drains N. Soil, of canyon slopes, shallow brown sandy loam and sandstone rock; soil of canyon bottom, rich, sandy loam. Timber, cedar, pinon and red pine on slopes of canyon. Undergrowth, sagebrush on canyon slopes and willows along creek in canyon. Canyon slopes too steep for grazing; bottom land suitable for farming.
	N.0°03'W., bet. secs. 17 and 18.
	Over rough mountainous land through cedar, pinon and red pine timber and undergrowth of sagebrush. Descend NW. slope.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- 8.95 Gulch, 105 ft. below sec. cor., drains S.80°W.; ascend abruptly S. slope over sandstone ledges.
- 19.10 Rim of gulch, 360 ft. above bottom, bears E. and W.; thence over nearly level bench.
- 38.00 Rim of gulch, bears E. and S.60°W.; descend.
- 40.00 On N. slope 40 ft. below rim.  
Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 6 ins. in a mound of stone for  $\frac{1}{2}$  sec. cor., with brass cap marked

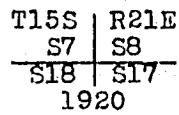


From which

- A red pine, 8 ins.diam., bears N.11 $\frac{1}{2}$ °E., 11 lks. dist., marked  $\frac{1}{2}$  S17 B T
- A red pine, 14 ins.diam., bears N.73 $\frac{1}{2}$ °W., 12 lks. dist., marked  $\frac{1}{2}$  S18 B T

Continue descent over broken sandstone ledges.

- 50.30 Gulch, 480 ft. below  $\frac{1}{2}$  sec. cor., drains N.80°W.; ascend abruptly over series of sandstone ledges.
- 69.50 Spur, 205 ft. above gulch, projects W.; descend over W. slope.
- 80.00 On W. slope 130 ft. below spur.  
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 7,8,17 and 18, with brass cap marked



Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

No suitable bearing trees available.

Land, rough, broken mountainous and rolling bench; general W. exposure and drainage to Willow Cr. Canyon which drains N.

Soil, brown sandy loam and sandstone rock.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

Timber, cedar, pinon and red pine.  
 Undergrowth, sagebrush.  
 Poor grazing land.

N.89° 51'E., on a random line bet. secs. 8 and 17.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line 2 lks. S. of the cor. of secs. 8,9,16 and 17.

Thence

S.89°50'W., on true line bet. secs. 8 and 17.

Over rolling and broken bench land through undergrowth of sagebrush.

27.15 Low ridge, 30 ft. above cor., bears N. and S.

36.10 Enter cedar, pinon and red pine timber, bears N. and SE.

37.60 Rim of gulch, bears NW. and S.30°W.; descend.

38.50 Head of gulch, 20 ft. below rim, drains NW.; ascend along N. slope.

40.00 On gentle N. slope of gulch.

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins.

in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S8}{S17} \\ 1920$$

From which

A pinon, 8 ins.diam., bears N.33°E., 43 lks.

dist., marked  $\frac{1}{4}$  S 8 B T

A pinon, 5 ins.diam., bears S.21 $\frac{1}{2}$ °W., 43 lks.

dist., marked  $\frac{1}{4}$  S 17 B T

42.40 W. rim of gulch, bears N.10°E. and S.10°W.

53.30 Draw, 85 ft. deep, heads about 5 chs. S. and drains N.

72.30 Top of ledge 145 ft. high and rim of canyon, bears

N.30°E. and S.; descend abruptly W. slope 365 ft. to

80.00 The cor. of secs. 7,8,17 and 18.

Land, rolling and broken bench and rough mountains.

Drainage N. and W. into Willow Creek Canyon.

Soil, shallow brown sandy loam and sandstone rock.

Timber, cedar, pinon and red pine on western part of mile.

## SUBDIVISION OF T. 15 S., R. 21 E.

Chains.

Undergrowth, sagebrush and grass.

Good grazing land.

Knowing from previous retracements in this township that the alinement of the line bet. secs. 7 and 18 will be out of limits; I begin at the cor. of secs. 7, 8, 17 and 18.

Thence,

West, on true line bet. secs. 7 and 18.

Over rough mountainous land, through cedar, pinon and red pine timber and scattering undergrowth of sagebrush.

Descend abruptly W. slope of Willow Creek Canyon over series of gray sandstone ledges, bearing N. and S.

9.00 Top of ledge, 100 ft. high, bears N.10°E. and S.20°W.

16.05 Enter bottom of Willow Creek Canyon and leave timber, 570 ft. below sec. cor., bears N.30°W. and S.10°E.; thence across canyon.

18.80 Enter meadow land, bears N. and SE.

23.80 Leave meadow land and enter dense willow undergrowth, bears NE. and S.10°W.

24.30 Willow Creek, 40 lks. wide, 2 ft. deep, muddy water, course N.60°E.

26.20 Leave canyon and willow undergrowth, bears N.20°E. and S.10°W.; ascend abruptly E. slope over sandstone ledges.

29.80 Base of vertical ledge, 140 ft. high, bears NE. and SW.

30.30 Base of vertical ledge, 40 ft. high, bears NE. and SW.

31.00 Enter a medium growth of timber, bears NE. and SW.

40.00 On the precipitous E. break of Willow Creek Canyon, 365 ft. above creek, set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to bed-rock and surrounded with a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap mkd:

S 7

S 18

1920.

From which

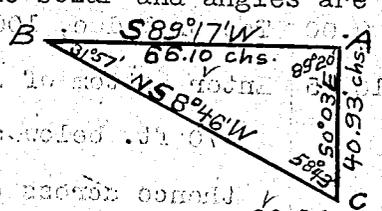
SUBDIVISION OF T. 15 S., R. 21 E.

CHAINS.

A pinon pine, 12 ins. diam., bears N.61°30'W.,  
 54 lks. dist., mkd.  $\frac{1}{2}$  S. 7 B T.  
 A pinon pine, 10 ins. diam., bears S.55°15'W.,  
 61 lks. dist., mkd.  $\frac{1}{2}$  S 18 B T.

The line west of this cor. passes over high sandstone ledges up which I can not chain, I therefore triangulate to top of W. rim of Willow Creek Canyon as follows

Being unable to see rim of canyon from this point, I return to the cor. of secs. 7, 8, 17 and 18, which I designate point "A" and set flag "B" S.89°17'W. on W. rim of Willow Creek Canyon (impracticable to set flag on true line), I then measure base line "AC" S.0°03'E. 40.93 chs. The line BC bears N.58°46'W. All bearings taken by direct reading of the solar and angles are determined by deflection.



Distance by triangulation..... 66.10 chs.

To point of triangulation on top of ledge on W. rim of Willow Creek Canyon, 1050 ft. above bottom, bears NE. and S.20°W.

Offset north 83 lks. to true line at

66.10 Thence over gently rolling bench through dense timber.

68.00 Leave timber, bears N. and S.; enter dense sagebrush.

79.81 Intersect W. bdy. of the Tp., 84 lks. N.0°23'E. of the cor. of secs. 12 and 13, heretofore described.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for closing cor. of secs. 7 and 18, with brass cap mkd:

T15S  
 R20E | R21E  
 S7 | S18 CC  
 1920

From which

A cedar, 12 ins. diam., bears N.56½°E., 391 lks. dist., marked CC T 15 S R 21 E S 7 B T.

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

No other trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, rough, mountainous breaks of Willow Cr. Canyon on E.66.10 chs.; gently rolling bench on remainder of mile.

Soil, shallow sandy loam and sandstone rock on canyon slopes; rich sandy loam in canyon bottom and on bench.

Timber, cedar, pinon and red pine on slopes of canyon.

Undergrowth, sagebrush. Dense willows in canyon.

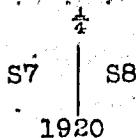
General E. and W. exposure; N. drainage.

From the cor. of secs. 7,8,17 and 18.

N.0°03'W., bet. secs. 7 and 8.

Over rough mountainous land along W. break of Willow Creek Canyon, through cedar, pinon and red pine timber and scattering undergrowth of sagebrush. Descend along abrupt NW. slope.

- 6.45 Begin descent N. slope.
- 10.60 Depression on W. slope, 125 ft. below cor., drains W.; ascend.
- 18.45 Spur, 110 ft. above depression, projects W.; descend abruptly.
- 27.30 Gulch, 270 ft. below spur, drains SW.; gradually ascend along steep SW. slope.
- 36.00 Top of ascent on W. slope, 35 ft. above gulch, bears E. and W.; thence along W. slope.
- 40.00 On nearly W. slope of Willow Creek Canyon.  
Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., with brass cap marked



From which

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

A pinon, 10 ins.diam., bears N.34 $\frac{1}{2}$ °E., 5 lks.

dist., marked  $\frac{1}{4}$  S 8 B T

A pinon, 6 ins.diam., bears S.85 $\frac{1}{2}$ °W., 27 lks.

dist., marked  $\frac{1}{4}$  S 7 B T

Begin descent along steep NW. slope.

51.20 Base of descent and enter bottom of Willow Creek canyon, leave timber and enter dense willow undergrowth, 475 ft. below  $\frac{1}{4}$  sec. cor., bears N.20°E. and S.70°W.

Thence along E. side of bottom of canyon.

69.05 Leave canyon bottom and willow undergrowth, enter scattering timber, bears SE. and W.; ascend abruptly over ledges.

71.00 Top of ledge, 130 ft. high, bears W. and SE.

71.70 Spur, 200 ft. above canyon, projects W.; descend abruptly

76.34 Enter bottom of Willow Creek Canyon; leave timber and enter exceptionally dense willow undergrowth, 200 ft. below spur, bears E. and W.

Point for cor. of secs. 5,6,7 and 8 will fall in morass therefore perpetuate cor. on safe ground at this point as follows:

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for witness cor. to the cor. of secs. 5,6,7 and 8, with brass cap marked

T15S R21E

WC

S6 | S5

—S7 | S8—

1920

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

No suitable bearing trees available.

Thence through exceptionally dense willow undergrowth and morass.

80.00 Point for cor. of secs. 5,6,7 and 8 in morass in bottom of Willow Creek Canyon. No cor. set.

Land, rough mountainous W. break of Willow Creek Canyon and nearly level canyon bottom.

Soil, shallow brown sandy loam and sandstone rock on

## SUBDIVISION OF T.15 S., R.21 E.

## CHAINS

canyon slopes; rich sandy loam soil in canyon.

Timber, cedar, pinon and red pine on canyon slopes.

Undergrowth, sagebrush on slopes, dense willows in canyon.

From true cor. point secs. 5,6,7 and 8.

N.89°50'E., on a random line bet. secs. 5 and 8.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.14 Intersect N. and S. line 2 lks. S. of the cor. of secs. 4,5,8 and 9.

Thence

S.89°49'W., on true line bet. secs. 5 and 8.

Ascend abruptly NE. slope of canyon over rough mountainous land through cedar, pinon and red pine timber and undergrowth of sagebrush.

18.15 Rim of canyon, 470 ft. above sec. cor., bears N.20°W. and S.20°E.; thence over rolling bench.

35.65 E. rim of Willow Creek Canyon, bears N.20°E. and S.20°W.; descend abruptly W. slope.

40.07 On steep W. slope 245 ft. below rim.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 12 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} S5 \\ \hline \frac{1}{4} \quad S8 \\ 1920 \end{array}$$

From which

A cedar, 12 ins.diam., bears N.74 $\frac{1}{2}$ °E., 42 lks. dist., marked  $\frac{1}{4}$  S 5 B T

A pinon, 6 ins.diam., bears S.3 $\frac{1}{2}$ °E., 27 lks. dist., marked  $\frac{1}{4}$  S 8 B T

Continue steep descent.

53.05 Draw, 280 ft. below  $\frac{1}{4}$  sec. cor., drains N.20°W.; thence along steep N. slope.

59.95 Begin steep descent over W. slope.

65.95 Base of descent and leave timber, enter bottom of Willow Creek Canyon and dense willow undergrowth, 285 ft. below draw, bears NW. and SW.; thence across bottom

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

- of canyon.

80.14 The true cor. point of secs. 5,6,7 and 8.  
 Land, rough mountainous breaks of canyons, rolling bench and nearly level canyon; general NW. exposure and drainage.  
 Soil, shallow brown sandy loam and sandstone rock on bench and canyon slopes; rich sandy loam in canyon.  
 Timber, cedar, pinon and red pine on E.65.95 chs.  
 Undergrowth, sagebrush on E. 65.95 chs., dense willows on remainder of mile.  
 Fair grazing land.

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From the true cor. point of secs. 5,6,7 and 8.  
 West, on true line bet. secs. 6 and 7.  
 Over nearly level bottom of Willow Creek Canyon, through exceptionally dense willow undergrowth.

8.20 Willow Creek, 40 lks. wide, 2 ft. deep, course NE.

17.60 Leave canyon and willow undergrowth, enter cedar, pinon and red pine timber and sagebrush undergrowth, bears NE. and SE.; ascend precipitous NE. slope over series of sandstone ledges.

28.75 Top of ascent on NE. slope, bears N. and S.; 430 ft. above canyon; continue ascent over SE. slope.

40.00 On steep SE. slope.  
 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a large mound of stone for  $\frac{1}{2}$  sec. cor., with brass cap marked

S6
—
S7
1920

From which

  - A red pine, 16 ins.diam., bears N.37 $\frac{1}{2}$ °E., 96 lks. dist., marked  $\frac{1}{2}$  S 6 B T
  - A pinon, 20 ins.diam., bears S.30 $\frac{1}{2}$ °W., 92 lks. dist., marked  $\frac{1}{2}$  S 7 B T

41.65 Top of ascent on SE. slope 245 ft. above top of last ascent, bears NE. and SW.; continue ascent on NE. slope.

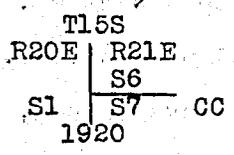
SUBDIVISION OF T.15 S., R.21 E.

CHAINS

57.80 Top of ascent and rim of Willow Creek Canyon, 255 ft. above top of last ascent, bears NW. and SE.; thence over nearly level bench.

79.14 Intersect W. bdy. of the tp., 1.53 chs. N.0°56'W. of the cor. of secs. 1 and 12 heretofore described.

At point of intersection,  
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for closing cor. of secs. 6 and 7, with brass cap marked



From which

A cedar, 14 ins.diam., bears N.55½°E., 125 lks.  
dist., marked C C T 15 S R 21 E S 6 B T

A cedar, 12 ins.diam., bears S.71¾°E., 35 lks.  
dist., marked C C T 15 S R 21 E S 7 B T

Land, nearly level river bottom on E. 17.60 chs., rough E. break of Willow Creek Canyon on next 40.20 chs. and nearly level bench on remainder of mile. General drainage N.

Soil, of canyon bottom and bench, rich sandy loam, that of break of canyon, shallow sandy loam and sandstone rock.

Timber, cedar, pinon and red pine on break of canyon and bench.

Undergrowth, dense willows in canyon, sagebrush and grass on remainder of mile.

Good grazing land on bench and in canyon.

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From the true cor. point of secs. 5, 6, 7 and 8. N.0°21'W., on a random line bet. secs. 5 and 6.

40.00 Set temp. ¼ sec. cor.

79.13 Intersect N. bdy. of the tp. 12 lks. W. of the cor. of secs. 5, 6, 31 and 32.

Thence

SUBDIVISION OF T.15 S., R.21 E.

CHAINS

S.0°16'E., on true line bet. secs. 5 and 6.  
Over level bottom of Willow Creek Canyon through dense willow undergrowth. Land subject to overflow.

1.70 Enter channel of Willow Creek, 40 lks. wide, 2 ft. deep, course N.20°E.

9.40 Leave creek, comes from the SE., also leave canyon and willow undergrowth, ascend abruptly over sandstone ledge, bears NW. and SE.

9.60 Top of sandstone ledge, 100 ft. high, bears NW. and SE., continue steep ascent NE. slope through scattering cedar pinon and red pine timber.

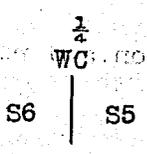
23.30 Spur, 575 ft. above canyon, projects S.80°E.; descend precipitous break of canyon over sandstone ledges.

39.13 Point for 1/4 sec. cor. falls on sandstone ledge where cor. cannot be set; witness cor. set at 44.62 chs.

41.15 Base of descent and ledges; enter bottom of Willow Creek Canyon, 550 ft. below spur, bears E. and W. Leave timber and enter dense willow undergrowth, bears E. and W.; thence across bottom of canyon subject to overflow.

43.00 Willow Creek, 40 lks. wide, 2 ft. deep ( no defined channel of creek) course E.

44.62 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for witness cor. to the 1/4 sec. cor., with brass cap marked



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

No suitable trees are available.

44.70 Leave canyon bottom and willow undergrowth, enter scattering cedar and pinon timber, bears E. and W.; ascend precipitous N. slope.

52.10 Spur, 330 ft. above canyon, projects W., ledge rim on S. side of spur, 200 ft. high, bears E. and W.; descend abruptly over ledge.

## SUBDIVISION OF T.15 S., R.21 E.

## CHAINS

- 55.10 Base of ledges and enter bottom of Willow Creek Canyon, 245 ft. below spur, leave timber and enter dense willow undergrowth, bears E. and W.; thence across bottom of canyon.
- 62.10 Willow Creek, 40 lks. wide, 2 ft. deep, on S. edge of canyon, course N.20°W.; leave canyon and willow undergrowth; ascend abruptly over ledges through scattering timber.
- 71.30 Rocky spur, 270 ft. above canyon, projects E.; descend abruptly over ledges.
- 73.05 Willow Creek, 40 lks. wide, 2 ft. deep, on N. side of Canyon, 250 ft. below spur, course E.; canyon bears E. and W.; thence across bottom of canyon subject to overflow, through very dense willow undergrowth.
- 79.13 The true cor. point of secs. 5,6,7 and 8.  
 Land, rough mountainous breaks of Willow Creek Canyon and nearly level canyon bottom. General drainage N.  
 Soil, of mountainous land, shallow brown and gray sandy loam and sandstone rock; soil of canyon, deep, rich sandy loam.  
 Timber, scattering cedar, pinon and red pine on slopes of canyon.  
 Undergrowth, scattering sagebrush on slopes of canyon, very dense, tall willows in canyon bottom.  
 Good grazing land in canyon.

BOUNDARIES OF T.15 S., R.21 E

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines designated	True bearings	Dist- ances	Latitudes		Departures	
			s N.	S	E	W
		chs	chs	chs	chs	chs
W.bdy. T15SR21E	S.0°40'W.	40.07	.....	40.07	.....	.47
"	S.0°56'E.	40.41	.....	40.40	.66	.....
"	S.0°23'W.	79.26	.....	79.26	.....	.53
"	S.1°04'W.	79.57	.....	79.56	.....	1.48
"	S.2°13'E.	23.82	.....	23.80	.92	.....
"	S.0°18'E.	56.06	.....	56.06	.29	.....
"	South	160.00	.....	160.00	.....	.....
S.bdy. T15SR21E	East	480.00	.....	.....	480.00	.....
E.bdy. T15SR21E	North	478.24	478.24	.....	.....	.....
N.bdy. T15SR21E	West	478.69	.....	.....	.....	478.69
Convergency			.....	.....	.....	.59
Totals			478.24	479.15	481.87	481.76
				478.24		
Error in latitude				.91	481.76	
Error in departure					.11	

General Description.

The lands embraced in this township are mainly rolling and rough, broken mountainous in character. In general it lies on a rolling plateau at an elevation of approximately 6000 to 7000 ft. above sea level, with a general northern exposure and drainage, being cut by deep canyons and gulches. The soil on the rough portions or abrupt slopes of canyons and gulches is principally rocky of gray sandstone and shale formations with shallow sandy loam, while that of the rolling ridges and benches is a deep, fine, dark brown sandy and gravelly loam, lying on rock and clay subsoils. The greater portion of the tp. is covered with a dense growth of cedar, pinon and red pine timber, and undergrowth of sagebrush, with very scattering service and oak brush. Through the central portion of the Tp. is a wide rolling, open ridge or bench, locally known as "Winter Ridge" and is very good grazing land, but on account of lack of water,

## GENERAL DESCRIPTION OF T. 15 S., R. 21 E.

is used only during winter months.

Willow Creek, draining the western portion of the township, flows northerly through the extreme west part of the tp. in a deep, rugged canyon, 1000 to 1500 ft. deep, having abrupt ledgy slopes. The bottom lands along this stream average approximately 10 chs. in width, and through secs. 18 and 19 is mainly meadow land, through secs. 5, 6, and 7 the bottom is densely covered with willows and is very swampy, the remainder is willows and sagebrush land.

Meadow Creek, drains the southern portion of the tp., flows westerly through a deep canyon, enters the tp. in sec. 34 and joins Willow Creek in sec. 30. The bottom lands are mostly meadow lands with parcels of land being cultivated.

The north-east portion of the Tp. drains NE. into Main Canyon.

Willow and Meadow Creeks contain the only water found in this township, they flow through secs. 5, 6, 7, 18, 19, 30, 31, 32, 33 and 34.

There are no settlers living in the tp. Two log houses, a log stable and corrals are located near the center of sec. 19. The Meadow Creek Ranch is located just outside the township, south of sec. 34.

We found no indications of mineral or coal in the township.

The township is chiefly valuable for grazing purposes.

*Andrew Nelson,*  
U.S. Cadastral Engineer.

*James B. Quigley*  
U.S. Transitman.

It is hereby certified that the above is a true and correct copy of the original as the same appears on the records of the Bureau of Land Management.

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WATER LOCATIONS OF T. 15 S., R. 21 E.

Willow Creek.

$W\frac{1}{2}$ ,  $W\frac{1}{2}$ , sec. 31.  
 $SE\frac{1}{4}$ ,  $SW\frac{1}{4}$ ;  $NW\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $NE\frac{1}{4}$ , sec. 30.  
 $W\frac{1}{2}$ ,  $E\frac{1}{2}$ ;  $NE\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $N\frac{1}{2}$ ,  $NW\frac{1}{4}$ , sec. 19.  
 $S\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$ ;  $NW\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $NE\frac{1}{4}$ , sec. 18.  
 $E\frac{1}{2}$ ,  $E\frac{1}{2}$ , sec. 7.  
 $E\frac{1}{2}$ ,  $SE\frac{1}{4}$ , sec. 6.  
 $W\frac{1}{2}$ ,  $W\frac{1}{2}$ , sec. 5.

Meadow Creek.

$SW\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $S\frac{1}{2}$ ,  $SW\frac{1}{4}$ , sec. 34.  
 $E\frac{1}{2}$ ,  $SE\frac{1}{4}$ ;  $NW\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $SW\frac{1}{4}$ ,  $NE\frac{1}{4}$ ;  $SE\frac{1}{4}$ ,  $NW\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $NW\frac{1}{4}$ , sec. 33.  
 $S\frac{1}{2}$ ,  $NE\frac{1}{4}$ ;  $NW\frac{1}{4}$ , sec. 32.  
 $N\frac{1}{2}$ ,  $NE\frac{1}{4}$ , sec. 31.  
 $SW\frac{1}{4}$ ,  $SE\frac{1}{4}$ , sec. 30.

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CERTIFICATE OF UNITED STATES SURVEYOR

AND U. S. TRANSITMAN.

Andrew Nelson, U. S. Cadastral Engineer and

Transitman

WE x, James P. Quigley, U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 25th day of February, 1919, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of Resurvey of the

west boundary and survey of the east and north boundaries and

subdivision of T.15 S., R.21 E.

of the Salt Lake Base

and Meridian, in the State of Utah

and date diagram

us our

the foregoing field notes as having been executed by me, and under my direction; and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes

such survey.

Sent to the City, Utah April 25, 1921. Washington, D.C. May 10, 1921

Andrew Nelson U. S. Cadastral Engineer

James P. Quigley U. S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Feb. 28, 1921

The foregoing field notes of the survey of resurvey of the west boundary or Green

River Guide Meridian; and the survey of the east and north boundaries

and subdivisional lines of Township No. 15 South, Range No. 21 East

of the Salt Lake Base and Meridian, Utah;

executed by Andrew Nelson and James P. Quigley

under his special instructions dated February 25, 1919, having been

critically examined, and the necessary corrections and explanations made, the said field notes and the survey and resurvey they describe, are hereby approved.

[Signature] U. S. Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in

has been correctly copied from the original notes on file in this office.

[Signature] U. S. Surveyor General

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BOOK A-449

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# FIELD NOTES

OF THE SURVEY OF THE

RESURVEY OF THE WEST BOUNDARY OF GREEN RIVER GUIDE MERIDIAN  
AND

SURVEY OF THE SOUTH, EAST AND NORTH BOUNDARIES

AND SUBDIVISION OF T. 16 S., R. 21 E.

Of the SALT LAKE BASE AND Meridian,

the State of UTAH

EXECUTED BY

ANDREW NELSON, U.S. SURVEYOR

AND

JAMES P. QUIGLEY, U.S. TRANSITMAN

~~The capacity of U.S. Surveyor~~, under Special Instructions dated Feb. 25, 1919,

issued by the United States Surveyor General to govern surveys included in Group

79

which were approved by the Commissioner of the General Land

Office, April 5, 1919, and Assignment Instructions dated May 26, 1920, 191

Survey commenced June 27, 1920, 191

Survey completed August 28, 1920, 191

# INDEX DIAGRAM.

Township 16 South ..... Range 21 East

		42		41		40		38		37		36	
18	5	6	115	5	95	4	80	3	68	2	56	1	34
		112		111		92		79		67		55	
16	5	7	109	8	91	9	78	10	65	11	53	12	33
		108		107		90		77		64		52	
14	5	16	106	17	88	16	76	15	63	14	51	13	32
		104		103		87		75		62		50	
12	6	19	102	20	86	21	73	22	61	23	49	24	30
		101		99		85		72		60		48	
9	6	30	98	29	83	28	71	27	59	26	47	25	29
		97		96		82		70		58		46	
7	6	31	95	32	81	33	69	34	57	35	45	36	28
		20		21		22		24		25		27	

4-679 b

INDEX DIAGRAM.

Township 16 S., Range 21 E.

	<del>423</del>	<del>424</del>	<del>425</del>	<del>426</del>	<del>427</del>	<del>428</del>
395 408	6 <del>503</del>	<del>489</del>	<del>470</del>	8 <del>458</del>	2 <del>446</del>	1 <del>425</del>
	<del>502</del>	<del>501</del>	<del>482</del>	<del>469</del>	<del>457</del>	<del>445</del>
395 406	7 <del>499</del>	8 <del>481</del>	9 <del>468</del>	10 <del>455</del>	11 <del>443</del>	12 <del>423</del>
	<del>498</del>	<del>497</del>	<del>480</del>	<del>467</del>	<del>454</del>	<del>442</del>
395 404	18 <del>496</del>	17 <del>478</del>	16 <del>465</del>	15 <del>453</del>	14 <del>441</del>	13 <del>422</del>
	<del>494</del>	<del>493</del>	<del>477</del>	<del>465</del>	<del>452</del>	<del>440</del>
396 402	19 <del>492</del>	20 <del>476</del>	21 <del>463</del>	22 <del>451</del>	23 <del>439</del>	24 <del>421</del>
	<del>491</del>	<del>489</del>	<del>475</del>	<del>462</del>	<del>450</del>	<del>438</del>
396 399	30 <del>488</del>	29 <del>473</del>	28 <del>461</del>	27 <del>449</del>	26 <del>437</del>	25 <del>419</del>
	<del>487</del>	<del>486</del>	<del>472</del>	<del>460</del>	<del>448</del>	<del>436</del>
396 397	31 <del>485</del>	32 <del>471</del>	33 <del>459</del>	34 <del>446</del>	35 <del>435</del>	36 <del>418</del>
	<del>484</del>	<del>483</del>	<del>472</del>	<del>464</del>	<del>455</del>	<del>447</del>

T. 16 S., R. 21 E.

DATE DIAGRAM OF T. 16 S., R. 21 E.

	8-7/20	8-6/20	7-23/20	7-22/20	7-22/20	7-20/20
6-29/20	6	5	4	3	2	1
8-27/20	8-14/20	8-13/20	8-6/20	8-6/20	7-24/20	7-23/20
8-19/20	8-11/20	8-12/20	8-16/20	7-24/20	7-24/20	7-24&25/20
6-30/20	7	8	9	10	11	12
8-27/20	8-10/20	8-4/20	7-29/20	7-28/20	7-22/20	7-19/20
8-19/20	8-11/20	8-12/20	8-16/20	7-24/20	7-22-23/20	7-19/20
6-30/20	18	17	16	15	14	13
8-27/20	8-6/20	8-5/20	7-28/20	7-27/20	7-20/20	7-17/20
8-19/20	8-11/20	8-12/20	8-16/20	7-24/20	7-22-23/20	7-19/20
7-1/20	19	20	21	22	24	24
8-27/20	7-9/20	7-10/20	7-12/20	7-12/20	7-17/20	7-16/20
8-19/20	7-10/20	7-27/20	7-26/20	7-17/20	7-16/20	7-15/20
7-2/20	30	29	28	27	26	25
8-28/20	7-7/20	7-9/20	7-9/20	7-13/20	7-14/20	7-15/20
8-19/20	7-8/20	7-10/20	7-9/20	7-12/20	7-15/20	7-14/20
7-2/20	31	32	33	34	35	36
8-28/20	7-7/20	7-7/20	7-8/20	7-8/20	7-11/20	7-14/20
7-6/20	7-7/20	7-8/20	7-11/20	7-13/20	7-13/20	7-13/20

All lines dated and colored with black ink were surveyed by Andrew Nelson, U.S. Surveyor.

All lines dated and colored with red ink were surveyed by James P. Quigley, U.S. Transitman.

## Test of Instruments, T.16 S., R. 21 E.

Survey commenced June 27, 1920 and executed with Young & Sons light mountain transits Nos. 8520, used by Nelson, and 8534, used by Quigley; each instrument equipped with Smith solar attachment and full vertical circle.

The horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and the vertical circles; unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

The instruments were approved for use in this survey by the Assistant Supervisor of Surveys for Utah, conditional upon satisfactory field tests, in assignment instructions dated May 26, 1920.

Test of instrument No. 8520:

June 27: At camp near the S.C. of secs. 34 and 35 on the 3rd sta. par. S., in R. 21 E., in approximate latitude  $39^{\circ}27\frac{1}{2}'N.$ , longitude  $109^{\circ}34'W.$ ; I examine the adjustments of the instrument and correct all errors.

I then test the solar apparatus by comparing its indications hourly with the true meridian established by Polaris observations June 13, 1920 described in survey of T.15 S., R.21 E.

At 9h0m a.m., app.t., I set off  $39^{\circ}27\frac{1}{2}'N.$  on the lat. arc;  $23^{\circ}20'N.$  on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is  $23^{\circ}19\frac{1}{2}'N.$ , which agrees with the computed declination of the sun.

At 3h30m p.m., app.t., with the lat. arc unchanged, I set off  $23^{\circ}19\frac{1}{2}'N.$  on the decl. arc; and determine a meridian with the solar which I find reads  $30''$  to east of the true meridian.

## Test of Instruments T. 16 S., R. 21 E.

Test of instrument No. 8534. By James P. Quigley, U.S. Transitman.

July 5: At the above described station, I set off  $39^{\circ}28'$  N. on the lat arc;  $22^{\circ}48'$  N. on the decl. arc., and at 8h15m a.m., appt. determine a meridian with the solar which I find reads  $30''$  to the east of the true meridian. At app. noon with the lat. arc. unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is  $22^{\circ}46\frac{1}{2}'$  N., which agrees with the computed declination of the sun.

At 3h30m p.m., appt., with the lat. arc unchanged, I set off  $22^{\circ}46'$  N. on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within  $1' 30''$  of the true meridian, I conclude that the adjustments of the instruments are satisfactory.

The instruments were kept in good adjustments during the progress of this survey, frequent tests being made on meridians determined by observations on Polaris.

Final Tests of instruments near completion of this survey.

Test of instrument No. 8520, by Andrew Nelson, U.S. Surveyor.

Aug. 7: At camp near center of sec. 19, T. 15 S., R. 21 E. in approximate latitude  $39^{\circ}29\frac{1}{2}'$  N., longitude  $109^{\circ}58'W.$ , at 10h 30.8m p.m., l.m.t., by my watch which carries correct l.m.t., I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a peg driven firmly in the ground; 9 chs. dist. N.

Azimuth of Polaris at eastern elongation =  $1^{\circ}27'25''$ .

Aug. 8: I lay off the azimuth of Polaris,  $1^{\circ}27\frac{1}{2}'$ , to the west, and mark the meridian thus determined, by a nail in a peg driven firmly in the ground, 9 chs. N.

At 9h15m a.m., app. t., I set off  $39^{\circ}29\frac{1}{2}'N.$ , on the lat. arc;  $16^{\circ}7\frac{1}{2}'N.$  on the decl. arc; and determine a meridian with the solar which I find reads  $30''$  to east of the true meridian.

At app. noon I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude	=	$66^{\circ} 35' 30''$
Reduced latitude	=	$39^{\circ} 29' 30''$
Mean watch time of observation		12h 05m 33"
Watch fast of local mean time	=	00m. 03s

At 3h 0m p.m., app. t., I set off  $39^{\circ}29\frac{1}{2}'N.$  on the lat. arc;  $16^{\circ}03'N.$  on the decl. arc; and determine a meridian with the solar which I find agrees with the true meridian.

Test of instrument No. 8534:

Aug. 18: At the above station, at 8h45m a.m., app. t., I set off  $39^{\circ}29\frac{1}{2}'N.$ , on the lat. arc;  $13^{\circ}05'N.$  on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is  $13^{\circ}02'N.$ , which agrees with the computed declination of the sun.

At 3h0m p.m., app. t., with the lat. arc unchanged, I set off  $12^{\circ}59\frac{3}{4}'N.$  on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

Therefore the tests prove the instruments to be in satisfactory adjustments.

#### MEASUREMENTS.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 and 8 chains in length, compared with a Lufkin standard steel tape

Resurvey of West Boundary of T.16 S., R.21 E.  
Green River Guide Meridian.

Chains

1 chain in length, and found correct. The measurements are made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances.

-----  
-Resurvey of West Boundary of T.16 S., R.21 E.-  
Green River Guide Meridian

From the closing cor. of Tp. 16 S., Rs. 20 and 21 E., in approximate latitude 39°28'N., longitude 109°41'W., hereinafter described.

South, retracing along the Green River Guide Meridian, bet. secs. 1 and 6.

91.04 Fall 12 lks. W. of the original  $\frac{1}{4}$  sec. cor., hereinafter described.

Thence from the  $\frac{1}{4}$  sec. cor., with continuous measurement.

131.19 Fall 3 lks. E. of the original cor. of secs. 1, 6, 7 and 12, hereinafter described.

The bearing and distance of the N.  $\frac{1}{2}$  mile is therefore S. 0°05'E., 91.04 chs., and of the S.  $\frac{1}{2}$  mile, S. 0°03' W., 40.15 chs.

-----  
From the cor. of secs. 1, 6, 7 and 12.

South, retracing bet. secs. 7 and 12.

40.03 Fall 23 lks. E. of the original  $\frac{1}{4}$  sec. cor., hereinafter described.

The true bearing of this half mile is therefore, S. 0° 20' W., and distance is 40.03 chs.

From the  $\frac{1}{4}$  sec. cor., with continuous measurement.

79.92 Fall 31 lks. W. of the original cor. secs. 7, 12, 13 and 18, hereinafter described.

The bearing of this half mile is therefore, S. 0°27'E., and distance is 39.89 chs.

-----  
From the cor. of secs. 7, 12, 13 and 18.

South, retracing bet. secs. 13 and 18.

40.00 After a diligent search am unable to find any trace of

Resurvey of West Boundary of T.16 S., R.21 E.  
Green River Guide Meridian.

Chains	
80.47	<p>of the original <math>\frac{1}{4}</math> sec. cor. Leave temp. point.</p> <p>Fall 20 lks. E. of the original cor. secs. 13, 18, 19 and 24, hereinafter described.</p> <p>The bearing of this mile is therefore S. <math>0^{\circ}09'</math> W., and the proportionate distance for each half mile is <math>40,23\frac{1}{2}</math> chs.</p> <hr/>
40.00	<p>From cor. of secs. 13,18,19 and 24.</p> <p>South, retracing bet. secs. 19 and 24.</p> <p>After a diligent search am unable to find any trace of the original <math>\frac{1}{4}</math> sec. cor. Leave temp. point.</p>
80.00	<p>After a diligent search am unable to find any trace of the original sec. cor. Leave temp. point.</p> <p>I therefore continue my line South, making diligent searches at intervals of 40.00 chs. for <math>\frac{1}{4}</math> sec. and sec. cors., being unable to find any traces of cors. until at</p>
243.78	<p>Fall 19 lks. E. of the original cor. of Ts. 16 and 17 S. Rs. 20 and 21 E., which is a sandstone <math>16 \times 12 \times 10</math> ins., found buired about 6 ins. under ground, properly marked with 6 notches on four edges with 16S on NE., 21E on SE., 17S on SW., and 20E on NW. faces, witnessed by a dilapidated mound of stone. I raise stone, leaving same 8 ins. above ground and surrounded by a mound of stone, and raise a mound of stone, 4 ft. base, 2 ft. high, S. of cor.</p> <p>The cor. stands on right bank of Willow Creek, 1 ch. to E. and <math>1\frac{1}{2}</math> chs. to S. of the stream, in N. edge of a dense patch of willows, on ground which has been strewn with boulders and sand from a small wash, draining into creek from the SE.</p> <p>The bearing bet. the cor. of secs. 13,18,19 and 24, and the tp. cor. is therefore S. <math>0^{\circ}03'</math> W., and proportional distance of each mile is 81.26 chs.</p> <hr/>

Resurvey West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

- From the cor. of Ts. 16 and 17 S., Rs. 20 and 21 E., I resurvey the Green River Guide Meridian through T. 16 S., changing the original corners to refer to R. 20 E. only, and setting an additional set of  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs. for T. 16 S., R. 21 E. only.
- N.  $0^{\circ}05'$  E., on resurvey line, E. bdy. sec. 36.
- Across nearly level bottom land in Willow Creek Canyon, through sage and scattered oakbrush.
- 1.50 Willow Creek, 25 lks. wide, 2 ft. deep, good water, medium current, gravelly bottom, low sloping banks, course NE.
- 3.20 Wire fence, extending across canyon bottom, bears E. and W.
- 10.00 Leave canyon bottom, begin abrupt ascent over high sandstone ledges, bears NE. and S.  $30^{\circ}$  W.
- 20.00 Top of high rocky point, 250 ft. above canyon, projects E. 3 chs. dist. to end; desc. abrupt ledgy N. face, 260 ft. to
- 31.00 Base of slope, enter level canyon bottom and dense willows, bears NW. and SE.
- 38.00 Willow Creek, 50 lks. wide, 6 ins. deep, course NW.; leave willows, continue over barren gravelly bottom; about 4 ft. above the stream.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor. for sec. 31 only, T. 16 S., R. 20 E., with brass cap marked
- 
- from which I cut a cross with letters B O., thus B O  
on S. face of red sandstone wall, 5 ft. above ground, cross bears N.  $6^{\circ}10'$  E., 185 lks. dist.; also raise a small mound of stone E. of cor.
- 40.63 Proportional measurement.
- Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in

Resurvey West Boundary of T.16 S., R.21 E.  
Green River Guide Meridian.

Chains											
..	<p>ground, for <math>\frac{1}{4}</math> sec. cor. of sec. 36, T.16 S., R.20 E., with brass cap marked. <span style="float: right;">B   0</span></p> <p>from which I cut cross with letters B.O, thus</p> <p>on S. face of sandstone wall, 4 ft. above ground, cross bears N.0°30'W., 140 lks. dist.; also raise a small mound of stone, W. of cor.</p>										
42.00	<p>Sandstone wall, 100 ft. high, and leave canyon, bears N.60°W. and S.60°E.; asc. steep, rocky S. slope, through scattered timber.</p>										
50.70	<p>Top of spur, 345 ft. above canyon, slopes off to W. 10 chs. dist. to end, at junction of Pióche Creek, from the W., with Willow Creek; the spur rises abruptly to E.</p>										
59.70	<p>Descend abrupt, rocky N. and NW. slopes, 360 ft. to base of rocky slope, leave timber, enter level canyon bottom, covered with dense willows, 10 to 20 ft. high, bears NE. and SW.</p>										
61.30	<p>Trail, bears NE. and SW.</p>										
69.50	<p>Pole fence, extending across canyon bottom, bears E. &amp; W.</p>										
69.60	<p>Willow Creek, 25 lks. wide, 2 ft. deep, 6 ft. banks, course NE.</p>										
75.00	<p>Same at bend, from SE. to NE.</p>										
80.00	<p>True point for cor. secs. 30 and 31, falls in edge of Willow Creek, course NW., where cor. cannot be perpetuated; therefore I witness same, 1.20 chs. East of true point, where</p> <p>Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for witness cor. to cor. secs. 30 and 31, T. 16 S., R. 21 E., with brass cap marked.</p>										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T16S</td> <td>T16S</td> </tr> <tr> <td>WC R20E</td> <td>S30</td> </tr> <tr> <td>S36</td> <td>S31</td> </tr> <tr> <td></td> <td>R21E</td> </tr> <tr> <td></td> <td>1920</td> </tr> </table>	T16S	T16S	WC R20E	S30	S36	S31		R21E		1920
T16S	T16S										
WC R20E	S30										
S36	S31										
	R21E										
	1920										
	<p>Dig pits, 18x18x12 ins., NE., SE., SW., and NW., 3 ft. dist. of post.</p>										

Resurvey of West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

Cor. stands 80 lks. E. of the right bank of creek, in dense willows.

80.10 Willow Creek, 25 lks. wide, 2 ft. deep, course NW.

81.10 Recross same, course NE.

81.26 Proportionate measurement. True point for cor. secs. 25 and 36, falls on unsafe ground, land subject to overflow. No cor. set here; for description of same see E. bdy. sec. 25.

Land, nearly level bottom of Willow Creek Canyon, on greater portions of the mile; covered with undergrowth of dense willows, 10 to 20 ft. high, and some sage and oak brush; soil, a loose sandy and gravelly loam, on gravel subsoil: On S.  $\frac{1}{2}$  mile the line crosses a high, ledgy point, projecting E. into the canyon; and on N.  $\frac{1}{2}$  mile crosses point projecting W. into canyon at the junction with Pioche Canyon; the mountainous land is covered with a scattering growth of scrub cedar and pinon; with some red pine, and undergrowth of oak brush and service; soil, is very rocky in form of ledges and boulders; red sandstone formation.

I, again made a careful search, failing to find any trace of the original sec. cor.

N. 0°03' E., on resurvey line; on E. bdy. sec. 25; from the true point for sec. cor.

Over level canyon bottom, through dense willows, about 15 ft. high.

1.60 Willow Creek, 25 lks. wide, 2 ft. deep, 4 ft. banks, at bend, from SE. to course NE.

3.15 Leave bottom and willows at base of 15 ft. rim ledge, bears E. and S. 60° W.; asc. 30 ft. to

3.52 At this point, Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for witness cor. to cor. of secs. 25 and 36, T. 16 S., R. 20 E., with brass cap marked

Resurvey of West Boundary of T.16 S., R.21 E.  
Green River Guide Meridian.

Chains

T16S	T16S
S25	R21E
S36	S30
R20E.	W C
	1920

- raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Cor. stands on a S. slope of low point, projecting E.
- 4.65 Top of low point, 10 ft. above cor., projects E. 2 chs. to Willow Creek; desc. NE. slope, 45 ft. to
- 6.90 Willow Creek, 25 lks. wide, 2 ft. deep, course N.20°W.; thence over level bottom land, through dense willows, 15 to 20 ft. high.
- 20.70 Recross stream, course N.30°E.
- 26.50 Recross stream, course N.10°W.
- 34.50 Recross stream, course NE.
- 35.60 Leave canyon and willows, bears E. and SW.; asc. abruptly S. face of ledgy point, 115 ft. to
- 36.20 Top of sharp ledgy point, projects E. 1 ch. dist. to end and ascends to W.; desc. abruptly ledgy N. face, 80 ft. to
- 38.74 Northing of 40.00 chs. from the cor. of secs. 30 and 31. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor. for sec. 30, T.16 S., R.21 E., with brass cap marked
- 1920
- raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.
- Descend 40 ft. to
- 40.63 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor. of sec. 25, T.16 S., R.20 E., with brass cap marked
- 1920

S25	
	1920

Resurvey of West Boundary of T.16 S., R.21 E.  
Green River Guide Meridian.

Chains

raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Cor. stands at foot of the rocky point in edge of canyon bottom, bears N.30 W., and S.30°E.

Thence across level bottom land on W. side of creek, through dense willows.

56.00 Leave canyon bottom and willows, and base of 240 ft. vertical sandstone wall, bears N.60°E. and SW.; asc.

56.60 Top of the wall, bears same as base, thence steep ascent over rocky S. slope, 185 ft. to

64.00 Top of rocky point, projecting SE. 5 chs. dist. to end; thence along ledgy E. slope, gradually desc. 35 ft. to

78.15 Rocky point or spur, projecting N.60°E., about 10 chs. dist. to end; desc. abrupt N. slope.

78.74 N. slope, 15 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in ground to bedrock, and in a mound of stone, for cor. secs. 19 and 30, T. 16 S., R. 21 E., with brass cap marked

T16S.	T16S
R20E	S19
S25	S30
	R21E

1920

from which

A pinon, 11 ins. diam., bears N.81°E., 59 lks. dist., marked T16S R21E S19 BT

A pinon, 14 ins. diam., bears S.85½°E., 27½ lks. dist., marked T16S R21E S30 BT

Desc. abrupt N. slope, 100 ft. to

81.26 Proportionate measurement.

Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in ground to bedrock, and in a mound of stone, for cor. secs. 24 and 25, T. 16 S., R. 20 E., with brass cap marked

T16S	T16S
S24	R21E
S25	S19
R20E	

1920

from which

Resurvey West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

- . A red pine, .9 ins. diam., bears S.80°W., 66 lks.  
dist., marked T16S R20E S25 BT
- A red pine, 10 ins. diam., bears N.66 $\frac{1}{2}$ °W., 61 lks.  
dist., marked T16S R20E S24 BT

Land, rough, broken mountainous and level canyon bottom,  
lying along Willow Creek, which drains northerly.  
Soil, in canyon bottom is sandy and gravelly loam, and  
of the mountainous is mostly rocky in form of ledges  
and bedrock, with some shallow sandy loam; red sandstone  
formation.

Timber, scattered cedar, pinon and red pine on the  
mountainous land; none in canyon bottoms.

Undergrowth, dense willows, from 10 to 20 ft. high in  
the bottom land, making it very difficult to survey;  
scattered oak and service berry brush on rough portions.  
The mile is exceptionally difficult to survey.

-----  
N. 0°03' E., on resurvey line, on E. bdy. sec. 24.

Over rough, broken mountainous land, facing E. into  
Willow Creek, through medium dense timber and undergrowth

Desc. abrupt N. slope, 75 ft. to

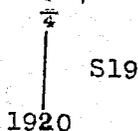
2.55 Gulch, course N.30°E., about 10 chs. dist. to Willow  
Creek; asc. abrupt ledgy SE. slope, 235 ft. to

11.40 Top of ledgy point on E. slope, ascends to W.; desc.  
abruptly 180 ft. to

17.75 Depression on E. slope, drains E.; asc. ledgy SE. slope,  
465 ft. to

37.40 On rocky SE. slope.

Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in  
ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec.  
cor. of sec. 19, T.16 S., R. 21 E., with brass cap  
marked


  
1920

from which

Resurvey West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

A red pine, 8 ins. diam., bears N.  $19\frac{1}{2}^{\circ}$  E., 64 lks.  
dist., marked  $\frac{1}{4}$  S19 BT.  
A pinon, 8 ins. diam., bears S.  $11\frac{1}{2}^{\circ}$  E., 78 lks.  
dist., marked  $\frac{1}{4}$  S19 BT

Continue abrupt ascent, ledgy SE. slope.

40.65 Proportionate measurement.

On a S. slope, 60 ft. above last cor.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in a  
large mound of stone, on bedrock, for  $\frac{1}{4}$  sec. cor. of  
sec. 24, T. 16 S., R. 20 E., with brass cap marked

S24

1920

from which

A pinon, 12 ins. diam., bears S.  $80^{\circ}$  W.,  $7\frac{1}{2}$  lks.  
dist., marked  $\frac{1}{4}$  S24 BT.  
A pinon, 14 ins. diam., bears N.  $85^{\circ}$  W., 8 lks.  
dist., marked  $\frac{1}{4}$  S24 BT

44.25 Top of ascent on rocky E. slope, 65 ft. above last  $\frac{1}{4}$   
cor., and 600 ft. above last depression; desc. ledgy  
NE. slope, 190 ft. to

59.70 Gulch, drains S.  $70^{\circ}$  E.; asc. abrupt, ledgy SE. slope,  
500 ft. to

73.90 Top of high, rocky spur, projects E.; leave most of the  
main ledges, and enter dense red pine, bears E. and W.  
Descend abrupt N. slope, 155 ft. to

77.48 On very abrupt N. slope in dense timber.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in  
ground, for cor. secs. 18 and 19, T. 16 S., R. 21 E.,  
with brass cap marked

T16S	T16S
R20E	S18
S24	S19
	R21E

1920

From which

A red pine, 9 ins. diam., bears N.  $45^{\circ}$  E., 29 lks.  
dist., marked T16S R21E S18 BT.  
A red pine, 9 ins. diam., bears S.  $67\frac{1}{2}^{\circ}$  E., 57 lks.  
dist., marked T16S R21E S19 BT

Continue abrupt descent of 215 ft. to

Resurvey West Boundary of T. 16 S., R. 21 E.

Green River Guide Meridian.

Chains	
81.26	<p>The original cor. of secs: 13, 18, 19 and 24, which is a limestone, 10x12x5 ins. above ground, firmly set in ground; surrounded by a few rock, plainly marked with 3 notches on N. and S. edges, and witnessed by four bearing trees; this cor. now refers to secs. 13 and 24, T: 16 S.; R. 20 E., only. The original bearing trees on the W. side of line are as follows:</p> <p style="padding-left: 40px;">A red pine, 12 ins. diam.; bears S. 68<math>\frac{1}{2}</math>° W., 34 lks. dist., properly mkd. T. 16 S R20E S24 BT</p> <p style="padding-left: 40px;">A red pine, 10 ins. diam., bears N. 24° W., 45 lks. dist., properly mkd. T. 16 S R20E S13 BT</p> <p>I destroy all marks on the original bearing trees pertaining to R. 21 E.</p> <p>Land, high, rough and broken mountainous land; the S. 74 chs. consists of broken, ledgy E. face, forming the W. side of Willow Creek Canyon, which drains northerly about <math>\frac{1}{2}</math> mile to E. of line; remainder of mile is abrupt N. slope.</p> <p>Soil, mostly rocky in form of ledges; with shallow sandy loam in places.</p> <p>Timber, scattered cedar, pinon and red pine, with dense red pine on extreme N. end of the mile.</p> <p>Undergrowth, scattered service and oak brush.</p> <p>-----</p>
19.50	<p>N. 0° 09' E., on resurvey line, E. bdy. sec. 13.</p> <p>Over high rough mountainous land, through dense timber and scattered undergrowth; desc. abrupt N. and NE. slopes.</p> <p>Bottom of deep canyon, 3 chs. wide, 560 ft. below cor., course S. 80° E.; asc. abrupt S. slope, over series of high sandstone ledges, through less dense timber.</p>
36.22	<p>On rocky SE. slope, 440 ft. above canyon.</p> <p>Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in ground to bedrock, and in a mound of stone, for <math>\frac{1}{2}</math> sec. cor. of sec. 18, T. 16 S.; R. 21 E., with brass cap marked</p>

Resurvey West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

from which

- A cedar, 6 ins.diam., bears N.49°E., 7 lks.  
dist., marked  $\frac{1}{4}$  S18 BT
- A cedar, 6 ins.diam., bears S.25 $\frac{1}{2}$ °E., 14 lks.  
dist., marked  $\frac{1}{4}$  S18 BT

40.23 $\frac{1}{2}$

On steep S. slope, 90 ft. above last cor.  
Proportional measurement. Set an iron post, 3 ft. long,  
1 in. dia., 12 ins. in ground to bedrock, and in a  
large mound of stone, for  $\frac{1}{4}$  sec. cor. of sec. 13, T.  
16.S., R. 20 E., with brass cap marked

S13

1920

from which

- A red pine, 24 ins.diam., bears S.46 $\frac{1}{2}$ °W., 42 lks.  
dist., marked  $\frac{1}{4}$  S13 BT
- A red pine, 32 ins.diam., bears N.23°W., 33 lks.  
dist., marked  $\frac{1}{4}$  S13 BT

40.75

Thence more gradual ascent over S. slope.

60.40

Top of ascent on rim of the canyon, 925 ft. above bottom,  
bears W. and SE.; thence over rolling top of mesa,  
through cedar, pinon and sagebrush.

76.22

On top of mesa.  
Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in  
ground to bedrock, and in a large mound of stone, for  
cor. secs. 7 and 18, T. 16 S., R. 21 E., with brass  
cap marked

T16S	T16S.
R20E	S7
S13	S18
	R21E

1920

from which

- A cedar, 10 ins.diam., bears N.40 $\frac{3}{4}$ °E., 63 lks.  
dist., marked T16S R21E S7 BT
- A cedar, 12 ins.diam., bears S.69 $\frac{1}{4}$ °E., 90 lks.  
dist., marked T16S R21E S18 BT

Desc. gentle NW. slope; 35 ft. to

80.47

The original cor. of secs. 7, 12, 13 and 18, which is a  
sandstone, 16x18x8 ins., firmly set in a mound of  
stone, properly marked with 4 notches on S. and 2  
notches on N. edges, witnessed by four bearing trees;

Resurvey West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

this cor. now refers to secs. 12 and 13, T. 16 S., R. 20 E., only; the original bearing trees for R. 20 E. bears as follows:

- A pinon, 24 ins.diam., bears S.42°W., 53 lks. dist., properly marked T16S R20E S13 BT.
- A cedar, 8 ins.diam., bears N.71°W., 57 lks. dist., properly marked T16S R20E S12 BT

I destroy all marks on bearing trees pertaining to R.21 E. Cor. stands on N. edge of mesa, on a gentle NW. slope. Land, high, rough mountainous, with abrupt N. and S. slopes, on S. 60.40 chs.; rolling mesa top on remainder; drainage E. into Willow Creek.

Timber, dense to scattered cedar, pinon and red pine. Undergrowth, scattered service, sage and oak brush.

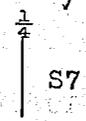
N. 0° 27' W., on resurvey line, E. bdy. of sec. 12.

6.85 Over rough mountainous land, through scattered timber and medium dense undergrowth; desc. N. slope, 130 ft. to Gulch, near head, course NE.; thence gradually asc. along an E. slope, through heavier timber.

25.50 Top of ascent on E. point of the mesa, bearing W. and S.10°W., slopes off to E., 140 ft. above gulch.; enter more scattered timber and dense service and oakbrush.

35.75 Descend steep N. slope, 350 ft. to At base of slope in S. edge of gulch bottom.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for 1/4 sec. cor. of sec. 7, T. 16 S., R. 21 E., with brass cap marked



1920

from which

- A red pine, 30 ins.diam., bears N.24 1/4°E., 25 lks. dist., marked 1/4 S7 BT
- A red pine, 5 ins.diam., bears S.43 1/4°E., 14 lks. dist., marked 1/4 S7 BT

37.10 Junction of draws from N.30°W. and W.; forming gulch, course S.70°E.; asc. along W. slope, 35 ft. to

Resurvey West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

39.89 The original  $\frac{1}{4}$  sec. cor. of 7 and 12, which is a sandstone, 20x10x4 ins., lying on the ground, marked  $\frac{1}{4}$  on one face, and witnessed as described by the surveyor general. This cor. now refers to  $\frac{1}{4}$  sec. 12, T. 16 S., R. 20 E., only; I reset stone firmly in a mound of stone, with  $\frac{1}{4}$  facing W., and destroy the E. bearing tree. Thence, N. 0°20' E.

Ascend steep S. slope, through medium dense timber.

51.60 Top of steep ascent on edge of mesa, 340 ft. above gulch, bears N.70°W. and S.60°E.; thence over rolling mesa,

62.00 Top of raise, bears S.30°E. and N.70°W.; thence slightly desc. N. slope, through scattered timber.

75.75 At base of the slight descent, drains E.

Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in ground to bedrock, and in a mound of stone, for cor. secs. 6 and 7, T16S., R. 21E., with brass cap marked

T16S	T16S
R20E	S6
S12	S7
	R21E

1920

from which

- A red pine, 6 ins.diam., bears N.83 $\frac{1}{2}$ °E., 194 lks. dist., marked T16S R21E S6 BT
- A cedar, 36 ins.diam., bears S.14 $\frac{1}{2}$ °E., 125 lks. dist., marked T16S R21E S7 BT

76.00 Leave all timber, bears NE. and SW.

79.92 The original cor. of secs. 1,6,7 and 12, which is a sandstone, 20x10x6 ins., above ground, firmly set in ground and in small mound of stone, properly marked and witnessed as described by the surveyor general. This cor. now refers to secs. 1 and 12, T. 16 S., R. 20 E.; I raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. And destroy the two old bearing trees to E. of line. There are no suitable trees within limits in R. 20 E.

Land, mountainous and rolling mesa; N. and S. exposures; drainage to E. into Willow Creek.

Resurvey West Boundary of T16 S., R. 21 E.  
Green River Guide Meridian.

Chains

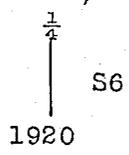
Soil, rocky and gravelly, with sandy loam on the mesa;  
subsoil bedrock; sandstone formation.

Timber, medium dense to scattered cedar, pinon, and  
red pine.

Undergrowth, service, oakbrush and sagebrush.

-----  
N. 0° 03' E., on resurvey line, on E. bdy. sec. 1.  
Over rolling mesa, through dense sagebrush; gently asc.  
along a S. slope.

- 12.00 Enter dense timber, bears NW. and SE.
- 26.50 Top of raise, 20 ft. above cor., bears NE. and SW.;  
gently desc. N. slope.
- 32.15 Leave dense timber, bears NE. and SW.; thence through  
only a few scattered trees.
- 35.63 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., sec. 6, T. 16 S., R. 21 E.,  
with brass cap marked.



from which

A cedar, 8 ins. diam., bears N. 26° E., 94 lks.  
dist., marked  $\frac{1}{4}$  S6 BT.

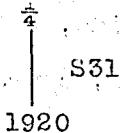
No other accessories to cor.

- 40.15 The original  $\frac{1}{4}$  sec. cor., which now refers to sec. 1;  
T. 16 S., R. 20 E., only, which is a sandstone, 10x12x  
8 ins. above ground, firmly set, properly marked and  
witnessed as described by the surveyor general. I  
destroy all marks on bearing tree pertaining to R. 21 E.  
Thence N. 0° 05' W., with continuous measurement.
- 47.00 Enter medium dense timber, bears NW. and SE.
- 50.20 Edge of mesa and rim of gulch, bears E. and N. 80° W.;  
desc. steep, rocky N. slope, through dense oakbrush,  
200 ft. to
- 59.70 Bottom of gulch, near head, course N. 70° E.; asc. 175 ft.

Resurvey West Boundary of T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

- 68.00 Edge of mesa, bears N.10°E., and S.30°W.; leave oak brush, continue through medium dense timber.
- 76.25 Point for the closing cor. of Ts. 15½ & 16 S., R. 21 E., for description see survey N. bdy. T.16 S.,R.21 E. Continue on same line, bet. Ts. 15½ S., R.21.E., and 16 S., R. 20 E.
- 93.00 E. rim of mesa, bearing NE. and SE., bears E. of line, 1 ch. dist.
- 103.30 Leave dense, enter scattered timber, bears NE. and SW.
- 108.90 Trail, bears NE. and SW.
- 116.23 Northing of 40.00 chs. from the closing cor. of Ts. 15½ and 16 S., R. 21 E.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor. of sec. 31, T. 15½ S., R. 21 E. with brass cap marked



from which

- A pinon, 14 ins.diam., bears N.87½°E., 48 lks. dist., marked ¼ S31 BT
- A cedar, 9 ins.diam., bears N.64½°E., 69 lks. dist., marked ¼ S31 BT

- 120.00 Leave scattered, enter dense timber, bears E. and W.
- 131.19 The original closing cor. set on the 3rd St. Par. S., for T. 16 S., Rs. 20 and 21 E., which is a sandstone, 18x10x7 ins., above ground, firmly set, properly marked; this cor. now refers to closing cor. of T. 15½ S.,R.21 E. and T. 16 S., R. 20 E.

from which the original bearing trees bear as follows:

- A cedar, 8 ins.diam., bears S.27½°E., 59 lks. dist. now marked T15½S R21E S31 BT
- A cedar, 24 ins.diam., bears S.70½°W., 163 lks. dist., marked T16S R20E S1 BT

This cor. was reported as being set 12.70 chs. east of the standard cor. of secs. 34 and 35. I find same to be 8.02 chs. dist. E. of said cor.  
Land, rolling mesa, having a slight E. exposure and drainage.

Resurvey of West Boundary T. 16 S., R. 21 E.  
Green River Guide Meridian.

Chains

Soil, gravelly and sandy loam, with some scattered sandstone rock; subsoil, sandstone.

Timber, medium dense to scattered cedar and pinon, on mile.

Undergrowth, dense sagebrush on greater portion, with oak and service along the gulch.

Good grazing land on the mesa.

Survey South Boundary of T.16 S., R.21 E.

From the cor. of Ts. 16 & 17 S.; Rs. 20 & 21 E., heretofore described.

East on true line, along S. bdy. of tp., bet. secs. 6 and 31.

Across nearly level canyon bottom, through sagebrush and scattered willows and oakbrush.

1.40 Wash, 15 lks. wide, 3 ft. deep, drains N. 50 lks. dist. to Willow Creek, course NE.; the wash comes from gulch to SE.

1.60 Trail, bears N. and S.

4.50 Leave canyon bottom, bears NW. for 2 chs. thence to NE., and SE.; ascend abrupt SE. face of canyon slope, over series of high sandstone ledges, through scattered timber.

10.45 Top of 140 ft. sandstone ledge, bears N. 80° W. and S. 80° E.

37.64 Allowing for convergency.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S31

S6

1920

from which

A pinon, 20 ins. diam., bears S. 15 $\frac{1}{2}$ ° E., 37 lks. dist., marked  $\frac{1}{4}$  S6 BT

A pinon, 12 ins. diam., bears N. 62 $\frac{1}{2}$ ° W., 61 lks. dist., marked  $\frac{1}{4}$  S31 BT

Survey South Boundary of T.16 S., R.21 E.

Chains

- Cor. stands on abrupt SW. slope, 965 ft. above canyon.
- 41.50 Top of the abrupt ascent and ledges, bears N.60°W. and SE., 125 ft. above  $\frac{1}{4}$  cor.; continue more gradual ascent, through dense timber, 225 ft. to
- 54.00 Top of ascent on mountain, 1310 ft. above Willow Creek Canyon, bears N. and S.; thence over rolling mountain top; desc. 110 ft. to
- 66.75 Draw, course SW.; asc. steep W. slope, 180 ft. to
- 77.64 Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in ground to bedrock, and in a large mound of stone, for cor. secs. 5-6-31 and 32, with brass cap marked

T16S	R21E
S31	S32
S6	S5

T17S  
1920

from which.

- A cedar, 12 ins. diam., bears N.13°E., 190 lks. dist., marked T16S R21E S32 BT
- A pinon, 16 ins. diam., bears S.1 $\frac{1}{2}$ °E., 63 lks. dist., marked T17S R21E S5 BT
- A cedar, 12 ins. diam., bears S.81 $\frac{1}{2}$ °W., 112 lks. dist., marked T17S R21E S6 BT
- A pinon, 12 ins. diam., bears N.26 $\frac{1}{2}$ °W., 166 lks. dist., marked T16S R21E S31 BT

Land, rough, broken, and rolling mountainous land.

Soil, rocky, in form of ledges on W. 41 $\frac{1}{2}$  chs.; gravelly and sandy loam, mixed with scattered rock on remainder.

Timber; medium dense cedar, pinon, with scattered red pine.

Undergrowth, sage, service and oak brush.

Fair grazing land; on E.  $\frac{1}{2}$  mile.

East, bet. secs. 5 and 32.

Asc. steep W. slope, 65 ft. to

- 7.25 Top of ascent from draw, bears NE. and SW.; thence over rolling land, through medium dense undergrowth; leave timber here.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

Survey South Boundary of T.16 S., R. 21 E.

Chains

- 60.00 dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
 Cor. stands on top of raise, 130 ft. above sec. cor.,  
 bears NW. and S.20°E.; gradually desc. rolling E. slope.  
 E. edge of top and rim of canyon, 70 ft. below  $\frac{1}{4}$  cor.,  
 bears N. and S.; desc. steep E. slope, through heavier  
 undergrowth and few scattered trees.
- 77.15 Spring branch, 2 lks. wide, 2 ins. deep, good water,  
 in bottom of Billie Brown Canyon, 370 ft. below rim,  
 course N.; trail in canyon, bears N. and S.  
 Abrupt ascent W. slope, 220 ft. to
- 80.00 On abrupt W. slope.  
 Set an iron post, 3 ft. long, 2 ins. dia., 12ins. in  
 ground to bedrock, and in a large mound of stone, for  
 cor. secs. 4, 5, 32 and 33, with brass cap marked

T16S	R21E
S32	S33
S5	S4

T17S  
1920

raise a mound of stone, 3 ft. base, 2 ft. high, W.  
 of cor. No trees within limits.  
 Land, rolling and rough mountainous; drainage N.  
 Soil, sandy and gravelly loams, with rocky on canyon  
 slopes; sandstone formation.  
 Timber, scattered cedar and pinon, on W. and E. portions  
 of the mile.  
 Undergrowth, medium growth of black sage, service, and  
 oak brush. Fair grazing land.

---

East, bet. secs. 4 and 33.  
 Asc. abrupt W. slope, through medium dense undergrowth,  
 and few scattered trees.
- 3.10 Top of abrupt ascent and rim of canyon, 110 ft. above

Survey South Boundary of T.16 S., R. 21 E.

Chains

sec. cor., bears N. and SE.; thence gradually asc. W. slope over rolling top, 200 ft. to

50.00 Top of ascent on rolling top, bears N. and S.; gradually desc. E. slope.

40.00 On E. slope, 40 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S33

S4

1920

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

53.50 Rim of canyon, 130 ft. below  $\frac{1}{4}$  cor., bears N.20°E. and S.30°W.; thence steeper descent E. and NE. slopes, 290 ft. to

76.55 Small spring branch, 1 lk. wide, in bottom of canyon, course N.20°W.; asc. W. slope, 165 ft. to

80.00 On gradual W. slope in W. edge of timber, bears N. and S.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 3, 4, 33 and 34, with brass cap marked

T16S	R21E
S33	S34
S4	S3

T17S  
1920

from which

A pinon, 20 ins.diam., bears N.55°E., 90 lks. dist., marked T16S R21E S34 BT

A pinon, 10 ins.diam., bears S.29°E., 63 lks. dist., marked T17S R21E S3 BT

and raise a mound of stone; 2 ft. base; 1 $\frac{1}{2}$  ft. high, W. of cor. No trees within limits in remaining secs.

Land, rolling and broken mountainous; E. and W. exposures, drainage to N.

Soil, dark sandy and gravelly loam, mixed with rock; rocky on canyon slopes.

Timber, very scattered cedar and pinon, on portions of mile.

## Survey South Boundary of T. 16 S., R. 21 E.

Chains	
	Undergrowth, dense sage, with scattered service, buck, and oak brush. Fair grazing land.
	-----
	East, bet. secs. 3 and 34.
	Ascend steep W. slope, through dense timber and undergrowth
7.90	Top of ascent and rim of canyon, 260 ft. above cor., bears N. and S.30°W.; thence over rolling top to
22.90	E. edge of top and rim of canyon, bears N. and S.20°W.; desc. abrupt E. slope, over series of low, broken ledges
	Enter scattered red pine timber, bears same.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor.; with brass cap marked
	S34 ----- S3 ----- 1920
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No suitable trees within limits.
	Cor. stands on abrupt E. slope, 950 ft. below rim.
41.55	Spring branch, 2 lks. wide, 2 ins. deep, good water, in bottom of deep, narrow canyon, 90 ft. below $\frac{1}{4}$ cor., course N.20°E.; abrupt ascent W. slope, over series of sandstone ledges.
58.80	Top of ledges and abrupt ascent, bears N.30°E. and S.30°W.; continue ascent to
61.00	Top of ascent on N. slope of high spur, 600 ft. above canyon, projects N.; enter dense, high oak and service brush, with scattered timber; desc. along a steep, broken NE. slope, facing into Ten Mile Canyon, 480 ft. to
80.00	On an abrupt E. slope. Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in ground, to bedrock, and in a large mound of stone, for cor. secs. 2, 3, 34 and 35, with brass cap marked

Chains

T16S	R21E
S34	S35
S3	S2

T17S  
1920

from which

- A pinon, 12 ins.diam., bears N.40°E., 45 lks. dist., marked T16S R21E S35 BT
- A pinon, 8 ins.diam., bears S.35°E., 30 lks. dist., marked T17S R21E S2 BT
- A pinon, 12 ins.diam., bears S.55°W., 10 lks. dist., marked T17S R21E S3 BT

No suitable tree within limits in sec. 34. And no rock available for additional mound.

Land, rough mountainous; abrupt slopes; drainage N.

Soil, rocky and dark sandy and gravelly loam; sandstone and shale formation.

Timber, dense to scattered cedar, pinon, red pine, and some spruce in canyon.

Undergrowth, dense sage, service, oak and buck brush.

Fair grazing on portions of the mile.

-----  
East, bet. secs. 2 and 35.

Over rough mountainous land, along S. side of Ten Mile Canyon, through medium dense cedar, pinon and red pine, and undergrowth of sage, service and oak brush; desc. abrupt NE. slope, 300 ft. to

7.75 Depression on N. slope, drains N.20°E.; asc. abrupt NW. slope, 160 ft. to

11.50 Top of ascent on steep N. slope, bears N. and S.; leave timber, continue through dense undergrowth; gradually desc. along steep N. slope.

26.35 Desc. abrupt E. slope, 125 ft. to

30.00 Small spring branch, 1. lk. wide, in bottom of hollow, from the S., course N.30°W.; also enter bottom of Ten Mile Canyon, 225 ft. below the 11½ ch. point, bears N.70°W. and S.70°E.; thence across nearly level bottom, through dense sagebrush.

39.00 Trail, bears NW. and SE.

Survey South Boundary of T. 16 S., R. 21 E.

- Chains
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked  

S35

$\frac{1}{4}$  —————

S2

1920

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Cor. stands in level bottom land on W. side of creek.
- 41.10 Stream, 3 lks. wide, 2 ins. deep, good water, in bottom of Ten Mile Canyon, course N.70°W.; gradually asc. along bottom.
- 55.00 Leave canyon, bears N.70°W. and S.70°E.
- 56.00 Cross S. end of rocky point, 20 ft. high, bears N.
- 58.00 Cross depression from the N.
- 60.00 Begin abrupt ascent over rocky, general S. slope and enter timber, bears N.70°W. and S.70°E.
- 80.00 True point for sec. cor. falls on sloping rock where cor. cannot be set, therefore at
- 80.13 On abrupt SW. slope, 380 ft. above canyon.  
Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for witness cor. to cor. secs. 1, 2, 35 and 36, with brass cap marked  

T16S	R21E
S35	S36
WC	S2
	S1

T17S

1920

from which

  - A pinon, 20 ins. diam., bears N.32 $\frac{1}{4}$ °E., 59 lks. dist., marked WC T16S R21E S36 BT
  - A pinon, 6 ins. diam., bears S.32 $\frac{1}{2}$ °E., 29 lks. dist., marked WC T17S R21E S1 BT
  - A pinon, 8 ins. diam., bears S.85 $\frac{1}{2}$ °W., 34 lks. dist., marked WC T17S R21E S2 BT
  - A pinon, 10 ins. diam., bears N.13°W., 24 lks. dist., marked WC T16S R21E S35 BT

Land, rough mountainous; W.  $\frac{1}{2}$  mile is abrupt N. slope, lying on the S. side of Ten Mile Canyon, and E.  $\frac{1}{2}$  mile is abrupt, rocky S. slope, on the N. side.

Survey South Boundary of T. 16 S., R. 21 E.

Chains

Soil, rocky and dark, moist gravelly loam; deep gravelly loam in canyon bottom; sandstone formation.

Timber, medium dense cedar, pinon and red pine, on portions of the mile.

Undergrowth, medium growth of sage, service and oak brush.

-----  
From true point for cor. secs. 1, 2, 35, and 36 East, bet. secs. 1 and 36.

Over rough mountainous land, through dense timber and undergrowth; asc. along broken, ledgy S. slope, 110 ft. Witness cor. for secs. 1, 2, 35, and 36.

0.13  
6.00

Top of ascent on ledgy S. face, ascends to N.; gradually desc. along S. face, 160 ft. to

18.70

Tiny spring branch in bottom of rocky draw, course SW.; leave ledges, enter considerable mahogany, bears N. 70° W. and SE.; asc. abrupt W. slope/

32.50

Leave timber, enter dense, high service brush, bears N. and S.

40.00

On steep W. slope of mountain, 670 ft. above draw. Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S36

$\frac{1}{4}$

S1

1920

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Continue steep ascent on W. slope, 90 ft. to

45.00

Top of ascent, bears N. and SW.; thence across flat top, through sagebrush.

55.00

Leave top and dense sagebrush, enter dense cedar and pinon, bears N. and S.; desc. steep E. slope.

62.50

Leave timber, continue through sagebrush, bears N. & S.

69.25

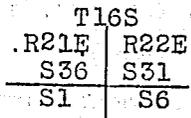
Tiny seep, in bottom of hollow, course S., 285 ft. below top; asc. W. slope, through service brush and dead, burnt timber, 220 ft. to

North Boundary of T. 16 S., R. 21 E.

Chains

80.00

On W. edge of the top of spur, projecting S.  
Set an iron post, 3 ft. long, 3 ins. dia., 4 ins. in ground to bedrock, and in a mound of stone, 5 ft. base, for cor. Ts. 16 and 17 S., Rs. 21 and 22 E., with brass cap marked



T17S.  
1920

raise a mound of stone, 5 ft. base, 4 ft. high, S. of cor.

Land, rough mountainous; drainage S. into Ten Mile Canyon.

Soil, rocky and dark, moist sandy loam; sandstone formation.

Timber, dense cedar, pinon, red pine and mountain mahogany, on portions of the mile.

Undergrowth, sage, service and oak brush.

Fair grazing land on greater part of mile.

East Boundary of T. 16 S., R. 21 E.

From cor. of Ts. 16 and 17 S., Rs. 21 and 22 E.  
North bet. secs. 31 and 36

Over rolling mountain top, through sage, service and oak brush; gradually ascending along a W. slope.

20.00

Top of wide rolling ridge, 60 ft. above tp. cor., bears E. and W.; thence over slight NE. exposure

27.55

Stock trail, bears NW. and SE.

30.00

Enter very scattered cedar and pinon, bears NW. and E.

40.00

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



S36 S31

1920

from which

A cedar, 6 ins. diam., bears S.  $38\frac{1}{2}^\circ$  E., 44 lks. dist., marked  $\frac{1}{2}$  S31 BT

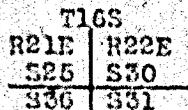
A cedar, 10 ins. diam., bears N.  $34^\circ$  W., 15 lks. dist., marked  $\frac{1}{4}$  S36 BT

East Boundary of T. 16 S., R. 21 E.

CHAINS

80.00 Thence along an E. slope, enter heavier timber, bears NW. and SE.

80.00 On an E. slope, 110 ft. below  $\frac{1}{4}$  cor.  
Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for cor. secs. 25, 30, 31 and 36, with brass cap marked



1920

from which

- A pinon, 8 ins. diam., bears N. 25 $\frac{1}{2}$ ° E., 53 lks. dist., marked T16S R22E S30 BT
- A pinon, 24 ins. diam., bears S. 37 $\frac{1}{2}$ ° E., 86 lks. dist., marked T16S R22E S31 BT
- A pinon, 8 ins. diam., bears S. 11 $\frac{1}{2}$ ° W., 89 lks. dist., marked T16S R21E S36 BT
- A pinon, 16 ins. diam., bears N. 80 $\frac{1}{2}$ ° W., 52 lks. dist., marked T16S R21E S25 BT

land, rolling mountainous; southern exposure and drainage on the S. 20 chs., and N. to NE. on remainder of mile.

Soil, sandy loam, on gravel and bedrock subsoil; sandstone formation.

Timber, scattered to dense cedar and pinon, on northern portion of mile.

Undergrowth, medium growth of black sage, service and oak brush.

Good grazing land.

-----  
North, bet. secs. 25 and 30.

Over rolling mountainous land, through dense timber and short undergrowth.

5.00 Top of slight ascent, bears NE. and SW.; thence gradually descending along a W. and NW. slope.

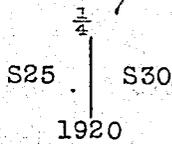
37.00 Leave timber, enter open sagebrush swale, bears N. 10° E. and SW.

40.00 In E. edge of the swale, 265 ft. below sec. cor.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in

East Boundary of T. 16 S., R. 21 E.

Chains

ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A pinon, 8 ins.diam., bears N.47 $\frac{1}{2}$ °E., 58 lks.  
dist., marked  $\frac{1}{4}$  S30 BT

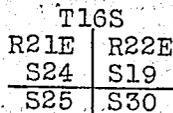
and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.  
dist. No trees within limits in sec. 25.

42.00 Stock trail, bears S.15°W. and N.15°E.

56.00 Bottom of the swale, drains N.30°E.; continue along  
opening on gentle E. slope.

80.00 In NW. edge of the swale and in edge of timber, 90 ft.  
below  $\frac{1}{4}$  cor., bears N.70°E. and S.20°W.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in  
ground, for cor. secs. 19, 24, 25 and 30, with brass  
cap marked



1920

from which

A pinon, 8 ins.diam., bears N.46°E., 35 lks.  
dist., marked T16S R22E S19 BT

A cedar, 14 ins.diam., bears S.65 $\frac{1}{2}$ °W., 50 lks.  
dist., marked T16S R21E S25 BT

A cedar, 8 ins.diam., bears N.70°W., 106 lks.  
dist., marked T16S R21E S24 BT

No trees within limits in sec. 30. And no other accesso-  
ries available.

Land, rolling mountainous; general exposure and drainage  
north-easterly.

Soil, dark, moist, fine sandy and gravelly loam, on  
rock and clay subsoil; sandstone formation.

Timber, dense cedar and pinon, on S. 37 chs.

Undergrowth, scattered sage, service and oak brush, on  
the S. 37 chs.; sagebrush on remainder.

Good grazing land.

Chains

North, bet. secs. 19 and 24.

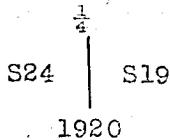
Over rolling mountainous land, through dense timber and scattered undergrowth; gently asc. along E. slope, 15 ft. to

4.50 Thence slight descent along rolling E. slope.

32.75 Begin steeper descent along W. slope, towards gulch, bears N.20°E. and S.20°W.; enter some red pine & spruce.

40.00 On a W. slope, 125 ft. below the 4½ ch. point.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor., with brass cap marked



from which

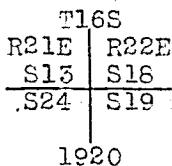
A red pine, 12 ins. diam., bears N.29½°E., 63 lks. dist., marked ¼ S19 BT

A spruce, 14 ins. diam., bears N.23°W., 9 lks. dist., marked ¼ S24 BT

44.55 Gulch, 55 ft. below ¼ cor., course NE.; thence along broken E. slope, gradually descending, along W. side of a canyon draining about N.

80.00 Near W. edge of bottom of canyon, course N., 200 ft. below ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in ground to bedrock, and in a large mound of stone, for cor. secs. 13, 18, 19 and 24, with brass cap marked



from which

A red cedar, 8 ins. diam., bears S.26°E., 100 lks. dist., marked T16S R22E S19 BT

A red pine, 10 ins. diam., bears S.13°W., 63 lks. dist., marked T16S R21E S24 BT

A red pine, 6 ins. diam., bears N.40°W., 62 lks. dist., marked T16S R21E S13 BT

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No trees within limits in sec. 18.

East Boundary of T. 16 S., R. 21 E.

Chains

Land, rolling and broken mountainous; having a general north-easterly exposure and drainage.

Soil, brown, moist sandy and gravelly loam, mixed with rocks, and rocky; sandstone formation.

Timber, dense cedar, pinon, red pine, with few spruce and red cedars on sheltered N. slopes.

Undergrowth, black sage, service and scattered oak brush.

Fair grazing land on portions of the mile.

-----  
North, bet. secs. 13 and 18.

Over broken mountainous land, through dense timber and considerable undergrowth.

2.00 Enter open canyon bottom, bears NW. and S.20°E.; thence across bottom.

7.80 Small spring branch, 1 lk. wide, 1 in. deep, good clear water, in bottom of canyon, course NW.

8.90 Recross same, course NE.

11.80 Recross same, course NW.

13.80 Recross same, course NE.

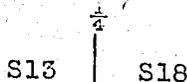
15.70 Leave canyon bottom, bears N.30°E. and SW.; asc. steep, ledgy SE. slope,

29.70 Oil-Shale vein, 4 ft. thick, bears NE. and SW.

31.50 Top of ascent on rocky E. slope, 185 ft. above canyon, ascends to W.; thence along broken, ledgy E. face.

40.00 On abrupt E. slope, 50 ft. below the 31½ ch. point.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for ¼ sec. cor., with brass cap marked



from which

A red pine, 10 ins. diam., bears N.81½°E., 60 lks. dist., marked ¼ S18 BT

A red pine, 10 ins. diam., bears S.25°W., 40 lks. dist., marked ¼ S13 BT

56.10 Depression on E. slope, 145 ft. below ¼ cor., drains E.

East Boundary of T. 16 S., R. 21 E.

Chains

Thence asc. along ledgy E. slope, 175 ft. to

80.00

On abrupt E. slope, 1 ch. E. of the top rim, bearing N.10°E. and S.10°W.

Set an iron post, 5 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 7, 12, 13 and 18, with brass cap marked

T16S	
R21E	R22E
S12	S7
S13	S18

1920

from which

- A pinon, 10 ins.diam., bears N.88°E., 27 lks. dist., marked T16S R22E S7 BT
- A pinon, 12 ins.diam., bears S.4°E., 34 lks. dist., marked T16S R22E S18 BT
- A pinon, 10 ins.diam., bears S.75°W., 46 lks. dist., marked T16S R21E S13 BT
- A pinon, 8 ins.diam., bears N.29°W., 73 lks. dist., marked T16S R21E S12 BT

Land, broken mountainous, having a general E. exposure and lying on the W. side of a canyon, draining nearly N.

Soil, rocky in form of ledges and loose rock, mixed with dark sandy or mountain loam; sandstone formation.

Timber, medium dense cedar, pinon, red pine, with few spruce and red cedars, on the mile.

Undergrowth, considerable sage, service, buck and oak brush. Poor grazing land.

-----  
North, bet. secs. 7 and 12.

Over mountainous land, through dense timber and scattered undergrowth; along abrupt, ledgy E. slope, near top of canyon rim, ascending 90 ft. to

11.80

Rim of the canyon and top of ascent, bears N.20°E. and S.20°W.

14.40

Leave top, desc. NE. slope, bears NW. and SE.

17.30

Depression, 65 ft. deep, drains N.70°E.

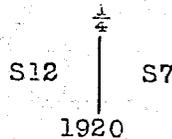
20.00

Same rim, bears NE. and SW.; thence over rolling top of bench; gently ascending, 25 ft. to

East Boundary of T. 16 S., R. 21 E.

Chains

- 30.50 Top of raise on the bench, bears NE. and SW.  
 35.60 Center of open swale, 6 chs. wide, drains NE., from W.  
 40.00 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



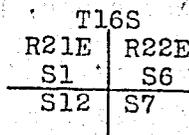
from which

A pinon, 12 ins.diam., bears S.18°E., 40 lks.  
 dist., marked  $\frac{1}{4}$  S7 BT

A pinon, 10 ins.diam., bears N.62 $\frac{1}{2}$ °W., 43 lks.  
 dist., marked  $\frac{1}{4}$  S12 BT

Gently desc. N. slope.

- 52.25 N. edge of bench and rim of canyon, bears NW. and SE.;  
 desc. abruptly rocky NE. and N. slopes, 530 ft. to  
 79.75 Bottom of small branch gulch, course NE. 1 $\frac{1}{2}$  chs. to  
 bottom land of Kelly Canyon, which bears N. and about E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for cor. secs. 1, 6, 7 and 12, with brass cap marked



1920

from which

A red pine, 10 ins.diam., bears N.40 $\frac{1}{2}$ °E., 87 lks.  
 dist., marked T16S R22E S6 BT

A red pine, 8 ins.diam., bears S.16°E., 103 lks.  
 dist., marked T16S R22E S7 BT

A red pine, 8 ins.diam., bears S.68°W., 53 lks.  
 dist., marked T16S R21E S12 BT

A red pine, 6 ins.diam., bears N.21°W., 109 lks.  
 dist., marked T16S R21E S1 BT

Land, rolling and broken mountainous; drainage NE.  
 Soil, rocky and shallow sandy loam; sandstone formation.  
 Timber, dense cedar, pinon, red pine, with few yellow pines.  
 Undergrowth, scattered sage, service and oak brush.  
 Good grazing on top of bench.

East Boundary of T. 16 S., R. 21 E.

Chains

- North, on true line, bet. secs. 1 and 6.  
 Over broken mountainous land, through dense timber and scattered undergrowth; along a broken, rocky general E. slope, on W. side of Kelly Canyon.
- 6.10 Top of ascent on E. slope, 110 ft. above sec. cor., ascends to W.
- 13.00 Depression on E. slope, and W. edge of canyon bottom, 175 ft. below top of ascent; canyon bottom bears NE. and SE.; asc.
- 40.00 On abrupt, rocky E. slope, 200 ft. above 13 ch. point. Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   
 S1 | S6  
 1920
- from which
- A pinon, 8 ins. diam., bears N.  $5^{\circ}$  E., 29 lks. dist., marked  $\frac{1}{4}$  S6 BT
- A pinon, 20 ins. diam., bears N.  $46\frac{1}{2}^{\circ}$  W., 44 lks. dist., marked  $\frac{1}{4}$  S1 BT
- 43.00 Top of ascent on high point of E. slope, 15 ft. above  $\frac{1}{4}$  cor., slopes off to E.; desc. abrupt, ledgy N. slope, 205 ft. to
- 54.30 Base of rocky slope, and enter level bottom land, bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.; thence across level land in Kelly Canyon, through rye grass meadow.
- 74.05 Stream, 2 lks. wide, 2 ins. deep, clear water, in wash, 50 lks. wide, 10 ft. deep, course N., from S.  $30^{\circ}$  E.
- 79.50 Leave wash, course N.  $30^{\circ}$  W.; thence through high sagebrush.
- 80.00 In level bottom of Kelly Canyon, near E. edge. Set an iron post, 3 ft. long, 3 ins. dia., 24 ins. in ground, for cor. Ts.  $15\frac{1}{2}$  and 16 S., Rs. 21 and 22 E., with brass cap marked

T15 $\frac{1}{2}$ S	
R21E	R22E
S36	S31
S1	S6
T16S	
1920	

East Boundary of T. 16 S., R. 21 E.

Chains

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

S. 54.30 chs. broken mountainous land, abrupt, ledgy general E. slope, lying on the W. side of Kelly Canyon; covered with medium dense cedar, pinon and red pine timber; scattered undergrowth of sage, service and oak brush; soil, rocky in form of ledges and boulders, with shallow covering of sandy loam; sandstone formation: Remainder of mile is level canyon bottom, S. side of which is a wild rye grass meadow; remainder sagebrush; soil, deep, black mountain loam.

-----  
North Boundary of T. 16 S., R. 21 E.

From the cor. of Ts. 15 $\frac{1}{2}$  and 16 S., Rs. 21 and 22 E. West, along N. bdy. of tp., bet. secs. 1 and 36.

Over level land in bottom of Kelly Canyon, through dense sagebrush, 4 to 6 ft. high.

1.20 Stream, 2 lks. wide, 2 ins. deep, in bottom of wash, 40 lks. wide, 10 ft. deep, course N.20°W.

7.50 Leave canyon bottom, enter mountainous land and medium dense timber, bearing N.20°W., and S.20°E. for 2 chs., to canyon coming in from SW., thence S.70°W.; asc. abruptly E. slope, over series of low, broken ledges.

21.50 Top of abrupt ascent on rim of the canyon, 560 ft. above bottom, bears N.20°W. and S.20°E.; thence over rolling land, gradually ascending 40 ft. to

33.15 Top of ascent, bears N. and S.; gradually desc. W. slope.

40.00 On W. slope, 35 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S36

S1

1920

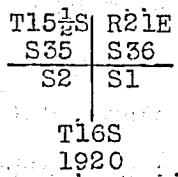
from which

North Boundary of T. 16 S., R. 21 E.

Chains

A pinon, 12 ins.diam., bears S.57°E., 37 lks. dist., marked  $\frac{1}{4}$  S1 BT  
 A pinon, 8 ins.diam., bears N.23 $\frac{1}{2}$ °W., 56 lks. dist., marked  $\frac{1}{4}$  S36 BT

- 41.00 Stock trail, bears N. and S.
- 41.10 Cross head of gulch, 25 ft. deep, course N.  
 Continue over rolling bench land.
- 48.00 Leave nearly all timber, and enter dense, short sagebrush, bearing NW. and S.30°E.
- 62.65 Top of ascent, 60 ft. above head of gulch bears N. & S.
- 63.65 N. end of narrow strip of timber, bears S.
- 72.75 Swale, 40 ft. deep, course NE.
- 80.00 On top of flat raise, bears NW. and S.  
 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 1, 2, 35 and 36, with brass cap marked



from which

A cedar, 24 ins.diam., bears N.28°W., 116 lks. dist., marked T15 $\frac{1}{2}$ S R21E S35 BT

and dig pits, 18x16x12 ins., in each sec., 3 ft. dist. of post. No trees within limits in remaining secs.

Land, rolling and rough mountainous; E. 21 $\frac{1}{2}$  chs. draining into Kelly Canyon; remainder has a general northern exposure into Meadow Creek Canyon.

Timber, cedar, pinon and red pine; dense on eastern portion, with few scattered clumps on western portion of mile.

Undergrowth, sagebrush, with scattered oak and service brush.

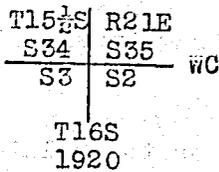
Good grazing on the rolling top.

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West, bet. secs. 2 and 35.

Over rolling mountain top or bench, through short, sagebrush and grass; slight NW. exposure.

- Chains
- 18.30 Enter dense timber, bears N. and SE.
- 23.20 Edge of bench and rim of canyon, bears N.20°W. and S.20°E
- Descend abruptly rocky W. slope, 435 ft. to
- 34.65 Bottom of canyon, 2 chs. wide, course N.30°W.; asc. abrupt E. slope.
- 40.00 On abrupt E. slope, 240 ft. above canyon.
- Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- S35
- 
- S2
- 1920
- from which
- A cedar, 10 ins. diam., bears S.37°W., 9 lks. dist., marked  $\frac{1}{4}$  S2 BT
- A pinon, 6 ins. diam., bears N.15 $\frac{1}{2}$ °W., 31 lks. dist., marked  $\frac{1}{4}$  S35 BT
- 42.25 Top of spur, 50 ft. above  $\frac{1}{4}$  cor., slopes off to N.; desc. steep NW. slope, 120 ft. to
- 50.25 Gulch, course NE.; asc. abrupt, rocky SE. slope.
- 59.25 Rim of canyon, 260 ft. above gulch, bears N.10°E. and S.10°W.; thence gradually asc. over rolling top bench, 50 ft. to
- 68.50 Top of ascent on bench, bears N. and S.; desc. W. slope.
- 80.00 True point for sec. cor. falls in bottom of draw, near head, 115 ft. below top of ascent, course N.10°W., where cor. cannot be perpetuated; therefore at
- 80.20 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, <sup>witness</sup> for cor. secs. 2, 3, 34 and 35, with brass cap marked



raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No suitable trees within limits:

Land, rolling and rough mountainous; general exposure and drainage N. into Meadow Creek Canyon.

North Boundary of T. 16 S., R. 21 E.

Chains

Soil, sandy loam and rocky; sandstone formation.

Timber, medium dense cedar and pinon, with few scattered red pine, on W. 6L70 chs.

Undergrowth, sagebrush, with scattered service and oak brush. Fair grazing land.

-----

West, bet. secs. 3 and 34, counting dist. from true cor. point for secs. 2, 3, 34, and 35

Over mountainous land, through medium dense timber and scattered undergrowth; asc. from draw, 85 ft. to The Witness Cor. Secs. 2, 3, 34, and 35

0.20 Spur, projects N.; desc. steep W. slope, 245 ft. to

5.40 Bottom of narrow canyon, course N.30°E.; asc. steep, rocky E. slope, 270 ft. to

24.75 Top of abrupt ascent and rim of the canyon, bears N.30°E. and S.30°W.; gradually asc. E. slope over bench to

36.00 Leave bench, bears N. and S.; thence steeper ascent over E. slope.

40.00 On steep E. slope, 180 ft. above rim of canyon.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S34

$\frac{1}{4}$

1920

from which

A pinon, 20 ins. diam., bears N. 66 $\frac{1}{2}$ ° E., .25 lks. dist., marked  $\frac{1}{4}$  S34 BT

A pinon, 20 ins. diam., bears S. 50° W., 28 lks. dist., marked  $\frac{1}{4}$  S3 BT

45.30 Top of ascent on hill, 65 ft. above  $\frac{1}{4}$  cor., bears N. and S.; desc. W. slope, 60 ft. to

55.25 Cross head of draw, course N.; asc. 75 ft. to

60.00 Spur, projects NW.; gradually desc. along rolling S. slope, 50 ft. to

80.00 On a SW. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for

North Boundary of T. 16 S., R. 21 E.

Chains

for secs. 3-4-33 and 34, with brass cap marked

T15 $\frac{1}{2}$ S	R21E
S33	S34
S4	S3

T16S  
1920

from which

- A pinon, 14 ins.diam., bears N.61 $\frac{1}{2}$ °E., 153 lks.  
dist., marked T15 $\frac{1}{2}$ S R21E S34 BT
- A pinon, 10 ins.diam., bears S.59 $\frac{1}{2}$ °E., 78 lks.  
dist., marked T16S R21E S3 BT
- A pinon, 16 ins.diam., bears S.29 $\frac{1}{2}$ °W., 49 lks.  
dist., marked T16S R21E S4 BT
- A pinon, 8 ins.diam., bears N.24°W., 77 lks.  
dist., marked T15 $\frac{1}{2}$ S R21E S33 BT

Land, rolling mountainous, E. and W. exposures; drainage N. into Meadow Creek.

Soil, sandy loam, shale and rocky; on shale and rock subsoil.

Timber, medium dense cedar and pinon, on mile.

Undergrowth, considerable sagebrush, with few scattered patches of service and oak brush.

Fair grazing land.

-----  
West, bet. secs. 4 and 33.

Over mountainous land, through scattered timber and short undergrowth; desc. SW. slope, 65 ft. to

4.00 Open swale, 2 chs. wide, drains NW., from S.70°E.; thence along slight N. slope.

15.00 Main open swale, 90 ft. below sec. cor.; course N.

17.00 Asc. E. slope, through dense timber, bears N. and S.

29.00 Flat ridge, 120 ft. above swale, bears N. and S.; desc. W. slope.

34.50 Base of ridge and enter burnt area, bears N. and S.; gradually desc. over bench sloping W.

40.00 In W. edge of the burnt area, bears N. and S; 130 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S33

S4  
1920

North Boundary of T. 16 S., R. 21 E.

Chains

from which

- A pinon, 6 ins.diam., bears S.81 $\frac{1}{2}$ °W., 23 lks.  
dist., marked  $\frac{1}{4}$  S4' BT
- A red pine, 10 ins.diam., bears N.10 $\frac{1}{2}$ °W., 32 lks.  
dist., marked  $\frac{1}{4}$  S33' BT

50.80 Leave bench and E. rim of Willow Creek, bears N. and S.20°W.; desc. abrupt NW. slope, over series of broken sandstone ledges, 430 ft. to

62.05 Gulch, course NW.; asc. along N. slope, 120 ft. to

72.60 Top of ascent on N. slope, ascends to SE.; desc. abrupt NW. slope, 280 ft. to

80.00 On abrupt ledgy W. slope, about 150 ft. above bottom of Willow Creek.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in ground to bedrock, and in a large mound of stone, for cor.secs. 4, 5, 32 and 33, with brass cap marked

T15 $\frac{1}{2}$ S	R21E
S32	S33
S5	S4

T16S  
1920

from which

- A red pine, 20 ins.diam., bears N.21°E., 60 lks.  
dist., marked T15 $\frac{1}{2}$ S R21E S33 BT
- A red pine, 6 ins.diam., bears S.41 $\frac{1}{2}$ °E., 33 lks.  
dist., marked T16S R21E S4' BT
- A pinon, 18 ins.diam., bears N.9°W., 34 lks.  
dist., marked T15 $\frac{1}{2}$ S R21E S32 BT

No trees within limits in sec. 5.

Land, rough and rolling mountainous; E. 29 chs. having a general NE. exposure and drains N. into Meadow Creek; remainder of mile is general western exposure and drains NW. into Willow Creek.

Soil, rocky, mixed with sandy and gravelly loams, with shale; sandstone formation.

Timber, medium dense cedar and pinon, with scattered red pine on western end of the mile.

Undergrowth, scattered sage, service and oak brush.

Fair grazing land on E. 30 chs:

-----  
West, bet. secs. 5 and 32.

North Boundary of T. 16 S., R. 21 E.

Chains	
	Over rough mountainous land, through dense timber and scattered undergrowth; desc. abrupt W. slope, over high sandstone ledges, 160 ft. to
2.80	Base of mountainous slope and leave timber, enter Willow Creek Canyon, bears N.10°E. and S.10°W.
4.40	Willow Creek, 50 lks. wide, 2 ft. deep, medium current, muddy water, low banks, course N.10°E.; dense high willows along the stream; gradually asc. along bottom.
6.60	Trail, bears N.10°E. and S.20°W.
9.60	Rail fence, extending across canyon, bears N.70°W. and S.70°E.
15.00	Mouth of canyon entering from NW.
20.00	Leave canyon bottom, bears NW. and SE.; asc. abrupt E. slope, through dense timber.
40.00	On steep NE. slope near top of ascent, 740 ft. above Willow Creek. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked S32 S5 1920 from which A red pine, 12 ins. diam., bears S.67 $\frac{1}{2}$ °E., 79 lks. dist., marked $\frac{1}{4}$ S5 BT A red pine, 12 ins. diam., bears N.2 $\frac{1}{2}$ °E., 33 lks. dist., marked $\frac{1}{4}$ S32 BT
40.80	Top of ascent on N. slope, 15 ft. above $\frac{1}{4}$ cor., bears S. thence along rolling N. slope, near top of spur.
50.80	Depression on N. slope, 160 ft. deep, drains N.
57.50	Top of ascent on N. slope, bears SE.
75.00	Desc. abrupt W. slope, 85 ft. to
80.00	On an abrupt W. slope. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 5, 6, 31 and 32, with brass cap marked

North Boundary of T. 16 S., R. 21 E.

Chains

T15 $\frac{1}{2}$ S	R21E
S31	S32
S6	S5

T16S  
1920

from which

- A pinon, 10 ins.diam., bears N.64 $\frac{1}{2}$ °E., 54 lks.  
dist., marked T15 $\frac{1}{2}$ S R21E S32 BT
- A pinon, 9 ins.diam., bears S.46 $\frac{1}{2}$ °E., 48 lks.  
dist., marked T16S R21E S5 BT
- A pinon, 16 ins.diam., bears S.66 $\frac{1}{2}$ °W., 27 lks.  
dist., marked T16S R21E S6 BT
- A pinon, 8 ins.diam., bears N.65 $\frac{1}{2}$ °W., 39 lks.  
dist., marked T15 $\frac{1}{2}$ S R21E S31 BT

Land, high rough mountainous, drains into Willow Creek,  
which flows N.

Soil, rocky, with gravelly and sandy loam; sandstone  
formation; gravelly and stony in bottom of Willow Creek.

Timber, dense cedar, pinon and red pine, on all of mile  
excepting in bottom of Willow Creek.

Undergrowth, sage, scattered service and oak brush.

Poor grazing land.

-----  
West, on true line, bet. secs. 6 and 31.

Over rough mountainous land, through dense timber and  
medium growth of undergrowth; desc. W. slope, 200 ft. to

3.85 Short branch gulch, drains N.10°W.; asc. NE. slope,  
250 ft. to

9.85 Top of ascent on N. slope, bears S.; thence along steep  
N. slope.

25.00 Head of gulch, 150 ft. deep, drains N.10°E.

28.15 Top of ascent from gulch on rocky point, bears S.; desc.  
gradually along N. slope, 135 ft. to

40.00 In edge of bottom of gulch, draining NE.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S31

S6

1920

from which

North Boundary of T. 16 S., R. 21 E.

Chains

A spruce, 8 ins.diam., bears S.27°W., 46 lks.  
dist., marked  $\frac{1}{4}$  S6 BT  
A red cedar, 6 ins.diam., bears N.2 $\frac{1}{2}$ °W., 27 lks.  
dist., marked  $\frac{1}{4}$  S31' BT

40.30 Bottom of gulch; course NE. 1 $\frac{1}{2}$  chs. dist. to junction  
with another gulch from NW., thence course N.80°E.

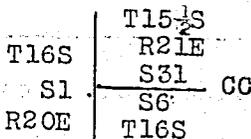
Ascend steep E. slope, 315 ft. to

51.75 Top of steep ascent, bears NE. and S.70°W.; thence more  
gradual ascent along top of spur to

70.30 Top of ascent. and edge of mesa, 505 ft. above gulch,  
bears N. to NW. and S.80°W.; thence along top to

77.03 Intersect W. bdy. of tp., 36.08 chs. N. 0°05' W. of the  
 $\frac{1}{4}$  sec. cor. of sec. 1, T. 16 S., R. 20 E., heretofore  
described, at point of intersection.

Set an iron post, 3 ft. long, 3 ins. dia., 4 ins. in  
ground to bedrock, and in a large mound of stone, 5 ft.  
base, for closing cor. of Ts. 15 $\frac{1}{2}$  and 16 S., R. 21 E.,  
with brass cap marked



1920

from which

A pinon, 18 ins.diam., bears N.59°E., 79 lks.  
dist., marked CC T15 $\frac{1}{2}$ S R21E S31' BT

A pinon, 30 ins.diam., bears S.23 $\frac{1}{2}$ °E., 84 lks.  
dist., marked CC T16S R21E S6' BT

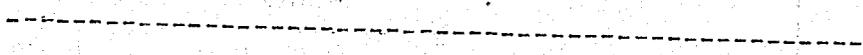
Land, rough mountainous, having a general N. to NE. expo-  
sure and drainage.

Soil, rocky, mixed with dark broken sandy loam; sandstone  
formation.

Timber, medium dense cedar, pinon and red pine.

Undergrowth, medium dense sage, service and oak brush.

Fair grazing land.



Subdivision of T. 16 S., R. 21 E.

Chains

From the true point for cor. of secs. 1, 2, 35 and 36, on S. bdy. of tp. which is 15 lks. W. of the witness cor., heretofore described.

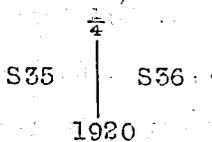
N. 0°01' W., bet. secs. 35 and 36.

Over rough mountainous land, through dense timber and scattered undergrowth; asc. abrupt SW. slope, over series of broken sandstone ledges, 550 ft. to

14.70 Top of ascent on spur, slopes SW.; desc. NW. slope, 135 ft. to

27.00 Gulch, course SW.; asc. SW. slope, 85 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in ground to bedrock, and in a mound of stone, for 1/4 sec. cor., with brass cap marked

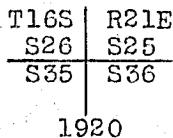


from which

- A red pine, 10 ins.diam., bears S.81 1/2°E., 26 lks. dist., marked 1/2 S36 BT
- A pinon, 12 ins.diam., bears S.51 1/4°W., 77 lks. dist., marked 1/4 S35 BT

46.00 Edge of mesa, 70 ft. above 1/4 cor., bears SE. and W.; thence over rolling mesa, through medium dense cedar and pinon and considerable sagebrush.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 25, 26, 35 and 36, with brass cap marked



from which

- A pinon, 8 ins.diam., bears N.26 1/4°E., 170 lks. dist., marked T16S R21E S25 BT
- A pinon, 16 ins.diam., bears S.39 1/4°E., 97 lks. dist., marked T16S R21E S36 BT
- A pinon, 8 ins.diam., bears S.51 1/4°W., 80 lks. dist., marked T16S R21E S35 BT
- A pinon, 10 ins.diam., bears N.48°W., 145 lks. dist., marked T16S R21E S26 BT

S. 48 chs. rough mountainous, slope of Ten Mile Canyon, general SW. exposure and drainage.

Subdivision of T. 16 S., R. 21 E.

Chains

Soil, rocky in form of broken sandstone ledges, with shallow sandy loam; covered with dense cedar, pinon, red pine and scrub mountain mahogany, with undergrowth of service, buck, oak and sage brush.

N. 32 chs. is rolling top of mesa, having a slight northern exposure and drainage; covered with medium dense cedar and pinon and black sagebrush; soil, sandy and gravelly loam, on rocky subsoil.

Good grazing land on mesa.

-----  
East, on random line, bet. secs. 25 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.12 Intersect E. bdy. of tp., 19 lks. N. of cor. secs. 25, 30, 31 and 36, heretofore described; thence

N.  $89^{\circ}52'$  W., on true line, bet. secs. 25 and 36.

Over rolling mountain top, through scattered timber and dense short undergrowth.

5.00 Begin gentle descent over W. slope.

17.00 Desc. into ravine, bears N. and S.

27.80 Bottom of open ravine, 215 ft. below sec. cor., course N.

33.40 Top of ascent from ravine, 200 ft. above bottom, bears N. and S.

40.06 On a gentle SW. slope.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S25

$\frac{1}{4}$

S36

1920

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. No trees within limits for bearing trees.

62.20 Bottom of swale, 65 ft. deep, course NE.

75.10 Cross head of ravine, 15 ft. deep, course NE.

80.12 The cor. of secs. 25, 26, 35 and 36.

Land, rolling mountain top, general slope and drainage N.  
Soil, sandy and gravelly loam, mixed with scattered loose rock; subsoil rock and clay.

Chains

Timber, scattering cedar and pinon, occurring in clumps.  
 Undergrowth, dense sagebrush, with scattered service and oak brush.  
 Good grazing land.

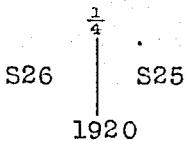
N. 0°01' W., bet. secs. 25 and 26.

Over rolling land, through scattered timber and dense short undergrowth; along land sloping E. into a deep ravine which drains about N.

25.00 Enter dense cedar and pinon, bears NE., and SW.

40.00 On gentle E. slope, 65 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



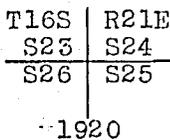
from which

A pinon, 14 ins. diam., bears S. 37° E., 11 lks.  
 dist., marked  $\frac{1}{2}$  S25 BT

A cedar, 24 ins. diam., bears S. 32 $\frac{1}{4}$ ° W., 45 lks.  
 dist. marked  $\frac{1}{2}$  S26 BT

80.00 70 ft. below  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 23, 24, 25 and 26, with brass cap marked



from which

A pinon, 16 ins. diam., bears N. 71° E., 49 lks.  
 dist., marked T16S R21E S24 BT

A pinon, 10 ins. diam., bears S. 65 $\frac{1}{4}$ ° E., 48 lks.  
 dist., marked T16S R21E S25 BT

A pinon, 10 ins. diam., bears S. 66 $\frac{3}{4}$ ° W., 10 lks.  
 dist., marked T16S R21E S26 BT

A pinon, 12 ins. diam., bears N. 48 $\frac{1}{4}$ ° W., 51 lks.  
 dist., marked T16S R21E S23 BT

Land, rolling mesa, having a general northern exposure, draining W. into deep ravine which drains N.

Soil, sandy and gravelly loam, mixed with scattered rocky.

Subdivision of T. 16 S., R. 21 E.

Chains	
	Timber, scattered to dense cedar and pinon. Undergrowth, dense sagebrush, with scattered service and buck brush. Good grazing land on greater part of the mile.
	----- S. 89°52' E., on random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect E. bdy. of tp., 2 lks. S. of cor. secs. 19, 24, 25 and 30, heretofore described; thence N. 89°53' W., on true line, bet. secs. 24 and 25. Over rolling land, through dense timber and scattered undergrowth; gradually ascending.
10.50	Cross head of open swale, drains N.
17.60	Low ridge, 150 ft. above sec. cor., bears N.20°W. and S. 20°E.
22.30	E. rim of ravine, bears N.20°W. and S.20°E.; desc.
30.90	Small spring branch, 1 lk. wide, in bottom of ravine, 225 ft. below ridge, course N.; asc. E. slope, 110 ft. to
40.05	On a NE. slope. Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in ground to bedrock, and in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
	from which
	A pinon, 24 ins. diam., bears S. 1 $\frac{1}{2}$ °W., 65 lks. dist., marked $\frac{1}{4}$ S25 BT
	A pinon, 8 ins. diam., bears N. 39 $\frac{1}{2}$ °W., 49 lks. dist., marked $\frac{1}{4}$ S24 BT
49.00	Flat spur, 135 ft. above $\frac{1}{2}$ cor., projects N.; desc.
62.60	Center of open swale, 7 chs. wide, 190 ft. below spur, drains N.20°E.; asc. 220 ft. to
75.00	Top of ascent on E. edge of ridge, bears N. and S.; thence over rolling top.

Subdivision of T. 16 S., R. 21 E.

Chains

80.10 The cor. of secs. 23, 24, 25 and 26.  
 Land, rolling mountainous; E. and W. exposures, drainage  
 N.  
 Soil, fine sandy and gravelly loam, mixed with scattered  
 rocks, and some shale; subsoil, shale and rock.  
 Timber, medium dense cedar and pinon, on greater portion  
 of mile.  
 Undergrowth, sagebrush, with scattered clumps of buck  
 and oak brush.  
 Fair grazing land.

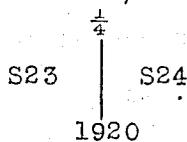
-----  
 N. 0°01' W., bet. secs. 23 and 24.

Over rolling mountainous land, through dense timber and  
 scattered undergrowth; along top of spur, projecting  
 N.10°E.

10.00 Begin gentle descent along W. and NW. slopes, 125 ft. to

40.00 On gentle NW. slope.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

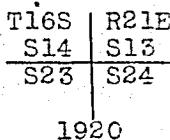
A cedar, 20 ins.diam., bears N.41 $\frac{1}{4}$ °E., 30 lks.  
 dist., marked  $\frac{1}{4}$  S24 BT

A pinon, 8 ins.diam., bears S.54 $\frac{1}{4}$ °W., 31 lks.  
 dist., marked  $\frac{1}{4}$  S23 ET

76.80 Bottom of canyon, 375 ft. below  $\frac{1}{4}$  cor., course NE.;  
 asc. 60 ft. to

80.00 On steep SE. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in  
 ground to bedrock, and in a mound of stone, for cor.  
 secs. 13, 14, 23 and 24, with brass cap marked



from which

Subdivision of T. 16 S., R. 21 E.

Chains

- A cedar, 20 ins.diam., bears N.54 $\frac{1}{2}$ °E., 51 lks.  
dist., marked T16S R21E S13 BT
- A pinon, 12 ins.diam., bears S.58 $\frac{1}{2}$ °E., 58 lks.  
dist., marked T16S R21E S24 BT
- A red pine, 22 ins.diam., bears S.29 $\frac{1}{2}$ °W., 110 lks.  
dist., marked T16S R21E S23 BT
- A red pine, 24 ins.diam., bears N.24 $\frac{1}{4}$ °W., 163 lks.  
dist., marked T16S R21E S14 BT

Land, rolling mountainous, having a general NW. and N. exposure; drainage N.

Soil, dark sandy and gravelly loam, mixed with rock; sandstone formation.

Timber, dense cedar, pinon, with scattered red pine on N. $\frac{1}{2}$  mile.

Undergrowth, scattered sage, service and oak brush.

Fair grazing land.

-----  
S. 89°53' E., on random line, bet. secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect E. bdy. of tp., 14 lks. N. of cor. secs. 13, 18, 19 and 24, heretofore described; thence N. 89°47' W.; on true line, bet. secs. 13 and 24.

Over rough mountainous land, through dense timber and scattered undergrowth; asc. abrupt E. slope, over broken ledges, 340 ft. to

17.35 Top of ascent on flat ridge, bears N. and S.

27.00 Begin abrupt desc. over rocky W. slope, 240 ft. to

38.15 Canyon, dry; course NW.; asc. E. slope, 35 ft. to

40.03 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S13

$\frac{1}{4}$  S24

1920

from which

A cedar, 6 ins.diam., bears S.29°E., 26 lks.  
dist., marked  $\frac{1}{4}$  S24 BT

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor. No suitable tree within limits in sec. 13.

Continue abrupt ascent over rocky E. slope, 150 ft. to

Chains

- 44.00 Top of abrupt ascent, bears N. and S.; thence gently asc. to
- 52.25 Top of spur, projects N.
- 53.35 Descend abrupt W. slope, 165 ft. to
- 60.55 Canyon, course NE.; asc. abrupt E. slope.
- 64.30 Top of the abrupt ascent, bears NE. and SW.; thence more gradual ascent to
- 69.55 Top of ascent on spur, projects N., 185 ft. above canyon; desc. steep W. slope, 165 ft. to
- 77.25 Small seep in bottom of canyon, course NE.; asc. 75 ft. to
- 80.06 The cor. of secs. 13, 14, 23 and 24.

Land, rough mountainous, E. and W. exposures; drainage N.  
 Soil, rocky in form of broken sandstone ledges on canyon slopes, with dark sandy and gravelly loam; deeper fine sandy loam on tops of spurs and ridges and in canyon bottoms.

Timber, medium dense cedar, pinon, and red pine, on mile.  
 Undergrowth, scattered sage, service and some oak brush.  
 Fair grazing on portions of the mile.

-----  
 N. 0°01' W., bet. secs. 13 and 14.

Over mountainous land, through dense timber and scattered undergrowth; ascending along SE. slope, 130 ft. to

- 15.40 Top of ascent and flat spur, projects NE.; gradually desc. along NE. slope.
- 27.50 Leave timber, enter dense sagebrush, bears NE. and SW.
- 32.50 Bottom of swale, 45 ft. below spur, drains NE.
- 37.50 Leave sagebrush swale, re-enter dense timber, bearing NE. and SW.
- 40.00 On an E. slope.

Set an iron post, 3 ft. long, 1 in. dia., 2 1/2 ins. in ground, for 1/4 sec. cor., with brass cap marked

S14 | S13

1920

from which

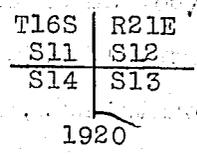
Subdivision of T. 16 S., R. 21 E.

Chains

A cedar, 10 ins.diam., bears N.76 1/2°E., 5 lks. dist., marked 1/4 S13 BT  
A cedar, 8 ins.diam., bears S.39 1/4°W., 18 lks. dist., marked 1/2 S14 BT

49.00 Top of slight raise, bears N.30°E. and S.30°W.; thence over rolling top, gentle northern exposure.

80.00 On gentle NW. slope, 70 ft. below 49 ch. point.  
Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in ground to underlying rock, and in a large mound of stone, for cor. secs. 11, 12, 13 and 14, with brass cap marked



from which

- A pinon, 18 ins.diam., bears N.19 1/2°E., 35 lks. dist., marked T16S R21E S12 BT
- A pinon, 16 ins.diam., bears S.21 3/4°E., 6 lks. dist., marked T16S R21E S13 BT
- A pinon, 18 ins.diam., bears S.73 1/2°W., 59 lks. dist., marked T16S R21E S14 BT
- A pinon, 8 ins.diam., bears N.69°W., 92 lks. dist., marked T16S R21E S11 BT

Land, rolling mountainous, with E. and NW. exposures; drainage N.

Soil, sandy and gravelly loam, mixed with rock, and rocky of sandstone formation.

Timber, medium dense cedar and pinon.

Undergrowth, scattered sage and service brush.

Fair grazing land.

S. 89°47' E., on random line, bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor. line, from corner of sec. 12

80.12 Intersect E. bdy. of tp., 23 lks. S. of cor. secs.

7, 12, 13 and 18 heretofore described; thence

N. 89°57' W., on true line; bet. secs. 12 and 13.

Over mountainous land, through dense timber and scattered undergrowth; asc. abrupt, rocky E. slope, 75 ft. to

3.00 W. rim of canyon and E. edge of bench, bears N.10°E. and S.20°W.; thence over gently rolling bench, slight ascent of 65 ft. to

. Subdivision of T. 16 S., R. 21 E.

Chains	
14.50	Top of raise and enter sagebrush opening, bears N. and S.
20.25	Leave opening and re-enter dense timber, bears N. and S.
36.00	W. edge of bench and E. rim of canyon, bears N.20°E. and
	S.20°W; desc. abrupt rocky W. slope, 125 ft. to
40.06	Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in
	ground to bedrock, and in a large mound of stone, for
	$\frac{1}{4}$ sec. cor., with brass cap marked
	S12
	$\frac{1}{4}$ ———
	S13
	1920
	from which
	A red pine, 10 ins. diam., bears N.20°W., 58 lks. dist., marked $\frac{1}{4}$ S12 BT
	A red pine, 18 ins. diam., bears S.10 $\frac{1}{2}$ °E., 78 lks. dist., marked $\frac{1}{2}$ S13 BT
45.75	Small spring branch, 1 lk. wide, good water, in bottom of canyon, 175 ft. below $\frac{1}{4}$ cor., course N.
47.50	Leave canyon bottom, asc. abrupt E. slope, over broken ledges, 270 ft. to
55.65	W. rim of canyon, bears N. and SW.; thence gradually asc. rolling top of ridge, 90 ft. to
78.00	Top of ascent on ridge, bears N. and S.; desc. 5 ft. to
80.12	The cor. of secs. 11, 12, 13 and 14.
	Land, rolling and rough mountainous, E. and W. exposures; drainage N.
	Soil, dark, fine sandy and gravelly loam mixed with rock, and rocky in form of broken ledges on the abrupt canyon slopes; sandstone formation.
	Timber, dense cedar and pinon, with scattered red pine, on greater portion of mile.
	Undergrowth, considerable sagebrush, with scattered service brush. Fair grazing on most of mile.
	-----
	N. 0°01' W., bet. secs. 11 and 12.
	Over rolling mountainous land, through dense timber and scattering undergrowth; along a W. slope, gently desc- ending.

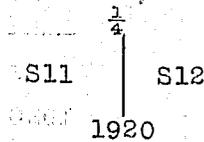
.Subdivision of T. 16 S., R. 21 E.

Chains

21.50 Base of descent on W. slope, 50 ft. below sec. cor., bears NW. and SE.; thence gradually ascending along W. slope.

32.50 Thence along abrupt W. slope, foot of butte to E. of line.

40.00 On abrupt W. slope, 100 ft. above the base of descent. Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

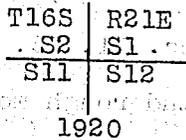
- A pinon, 20 ins.diam., bears S.40 $\frac{1}{2}$ °E., 73 lks. dist., marked  $\frac{1}{4}$  S12 BT
- A pinon, 8 ins.diam., bears S.84°W., 16 lks. dist., marked  $\frac{1}{4}$  S11 BT

Continue along steep W. slope.

50.50 Brush fence, bears E. and W.

80.00 On W. slope, at foot of NW. end of the butte.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in ground to bedrock, and in a large mound of stone, for cor. secs. 1, 2, 11 and 12, with brass cap marked



from which

- A cedar, 12 ins.diam., bears N.12 $\frac{1}{4}$ °E., 35 lks. dist., marked T16S R21E S1 BT
- A pinon, 7 ins.diam., bears S.64 $\frac{1}{4}$ °E., 44 lks. dist., marked T16S R21E S12 BT
- A pinon, 12 ins.diam., bears S.44 $\frac{1}{2}$ °W., 8 lks. dist., marked T16S R21E S11 BT
- A red pine, 6 ins.diam., bears N.38 $\frac{3}{4}$ °W., 40 lks. dist., marked T16S R21E S2 BT

Land, rolling mountainous, general W. exposure; drainage

N.

Soil, rocky and shallow sandy loam; sandstone formation.

Timber, medium dense cedar, pinon and red pine.

Undergrowth, scattered sage, service and buck brush.

Poor grazing land.

Subdivision of T. 16 S., R. 21 E.

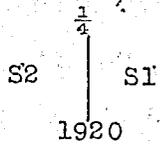
Chains

- S. 89°57' E., on random line, bet. secs. 1 and 12.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 60.16 Intersect E. bdy. of tp., 12 lks. S. of cor. secs. 1, 6, 7 and 12, heretofore described; thence
- S. 89°58' W., on true line, bet. secs. 1 and 12.
- Over mountainous land, through dense timber and scattered undergrowth; asc. abrupt, rocky SE. slope, 505 ft. to
- 12.00 Rim of canyon and E. edge of bench, bearing NE. and SW.; thence over rolling top.
- 22.50 W. edge of bench and E. rim of canyon, bears N. and S.; desc. abrupt rocky W. slope, 270 ft. to
- 35.20 Small spring branch, 1 lk. wide in bottom of canyon, course N.10°E.; asc. abrupt E. slope.
- 40.08 On abrupt E. slope, 240 ft. above canyon.
- Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked
- S1  
-----  
S12  
1920
- from which
- A red pine, 8 ins. diam., bears N.2 $\frac{1}{2}$ °E., 34 lks. dist., marked  $\frac{1}{4}$  S1 BT
- A red pine, 8 ins. diam., bears S.82 $\frac{1}{2}$ °E., 41 lks. dist., marked  $\frac{1}{4}$  S12 BT
- 44.30 W. rim of canyon, 190 ft. above  $\frac{1}{2}$  cor., bears N.20°E. and S.20°W.; thence over rolling top, slightly ascending.
- 75.00 Top of raise, 25 ft. above rim of canyon, bears N.20°E. and S.
- 80.16 The cor. of secs. 1, 2, 11 and 12..
- Land, rough and rolling mountainous, E. and W. exposures; drainage N.
- Soil, fine sandy loam, on clay and rock subsoil, excepting on abrupt canyon slopes, which are rocky in form of broken sandstone ledges, with shallow sandy loam.
- Timber, dense cedar, pinon and red pine.
- Undergrowth, scattered sage and service brush.

Subdivision of T. 16 S., R. 21 E.

Chains

- N. 0°01' W., on random line, bet. secs. 1 and 2.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.08 Intersect N. bdy. of tp., 16 lks. W. of cor. secs. 1, 2, 35 and 36, heretofore described; thence S. 0°06' W., on true line bet. secs. 1 and 2. Over rolling land, through short sagebrush.
- 15.00 Enter scattering timber, bears NW. and SE.
- 20.00 Leave timber, bears E. and SW.
- 35.50 Enter timber, bears NW. and SE.
- 40.08 Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in ground to underlying rock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

- A pinon, 14 ins. diam., bears S. 85 $\frac{1}{2}$ ° E., 25 lks. dist., marked  $\frac{1}{4}$  S1 BT
- A pinon, 8 ins. diam., bears S. 48 $\frac{1}{2}$ ° W., 76 lks. dist., marked  $\frac{1}{4}$  S2 BT

- 42.70 Leave timber, bears E. and W.
- 57.70 Enter dense timber, bears NW. and SE.
- 80.08 The cor. of secs. 1, 2, 11 and 12. Land, rolling bench, with slight NW. exposure and drainage. Soil, deep, fine sandy loam, on clay and hardpan subsoil. Timber, scattering cedar and pinon, occurring in clumps, on portion of mile. Undergrowth, considerable short sagebrush. Fair growth of grass. Good grazing land.

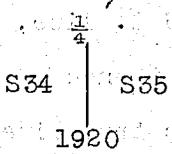
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From the cor. of secs. 2, 3, 34 and 35 on S. bdy. of tp. heretofore described; thence N. 0°01' W., bet. secs. 34 and 35. Over rough mountainous land, through medium dense timber and scattering undergrowth; desc. abrupt; rocky NE. slope, 435 ft. to

Subdivision of T. 16 S., R. 21 E.

Chains

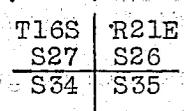
- 12.15 Base of slope and enter level canyon bottom, covered with dense high sagebrush, bears N.70°W. and S.70°E.
- 17.10 Stream, 3 lks. wide, 2 ins. deep, good water, in bottom of Ten Mile Canyon, course N.60°W.
- 19.00 Leave canyon bottom and base of 125 ft. perpendicular sandstone ledge, bearing N.70°W. and S.70°E.; abrupt ascent general S. slope, over series of high sandstone ledges.
- 37.65 Oil shale vein, 3 ft. thick, bears NW. and SE., also top of S. edge, high rocky spur, 685 ft. above canyon, slopes abruptly to W.; thence along W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

- A spruce, 14 ins. diam., bears N.69°W., 30 lks. dist., marked  $\frac{1}{4}$  S34 BT
- A spruce, 18 ins. diam., bears N.59 $\frac{1}{2}$ °E., 34 lks. dist., marked  $\frac{1}{4}$  S35 BT

- 42.10 Descend abruptly N. slope over series of broken ledges.
- 55.10 Depression of short gulch, 350 ft. below spur, course SW. Ascend abruptly over ledges, SW. slope, 580 ft. to
- 70.40 Rim of gulch and edge of mesa, bears W. and S.30°E.; thence across flat top, projects W.
- 76.35 Leave top, bears NE. and W.; desc. steep N. slope, 85 ft.
- 80.00 On abrupt N. slope, in burnt area. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 26, 27, 34 and 35, with brass cap marked



1920

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No suitable trees within limits for bearing trees.

Subdivision of T. 18 S., R. 21 E.

Chains

Land, rough and broken mountainous, slopes of Ten Mile Canyon, which drains NW.

Soil, rocky in form of sandstone ledges and boulders. on the abrupt slopes, with shallow sandy loam; deep sandy and gravelly loam in canyon bottom and top of mesa.

Timber, medium dense cedar and pinon, with scattering red pine, on greater portion of mile.

Undergrowth, scattered sagebrush, with clumps of oak buck and service brush. Poor grazing land.

-----  
East, on random line, bet. secs. 26 and 35.

49.00 Set temp.  $\frac{1}{4}$  sec. cor.

59.04 Intersect N. and S. line, 7 lks. N. of cor. secs. 25, 26, 35 and 36; thence

N.  $89^{\circ}57'$  W., on true line, bet. secs. 26 and 35.

Over rolling mountain top, through scattering timber and undergrowth.

10.85 Desc. 70 ft. to

19.15 Near head of ravine, course N.; asc. 110 ft. to

25.00 Top of ascent from ravine, bears N. and SE.; thence over slight NE. exposure.

40.02 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S26

S35  
1920

from which

A pinon, 8 ins. diam., bears S.  $78^{\circ}$  E., 97 lks. dist., marked  $\frac{1}{4}$  S35 BT

A pinon, 6 ins. diam., bears N.  $43^{\circ}$  W., 63 lks. dist., marked  $\frac{1}{4}$  S26 BT

71.03 Edge of mesa and rim of gulch, bearing NE. and SW.; desc. NW. slope, 115 ft. to

80.04 The cor. of secs. 26, 27, 34 and 35.

Land, rolling mountainous; general NE. exposure and drainage on E. 63 chs. and to W. on remainder.

Subdivision of T. 16.S., R. 21.E.

Chains

Soil, sandy and gravelly loam, on clay and rock subsoil.  
 Timber, scattering cedar and pinon.  
 Undergrowth, considerable sagebrush, with scattered  
 clumps of oak and service brush. Good grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Over rough mountainous land, through medium dense timber  
 and considerable undergrowth; desc. steep N. slope, 350 ft.

15.15 Small spring branch, 1 lk. wide, good water, in bottom  
 of deep gulch, course S.80°W.; asc. steep S. slope,  
 500 ft. to

35.25 N. rim of gulch and edge of mesa, bears N.70°E. and  
 S.70°W.; thence over rolling top.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S27	S26
1920	

from which

- A cedar, 8 ins.diam., bears N.86 $\frac{1}{4}$ °E., 43 lks.  
 dist., marked  $\frac{1}{4}$  S26 BT
- A pinon, 8 ins.diam., bears N.44 $\frac{1}{2}$ °W., 55 lks.  
 dist., marked  $\frac{1}{4}$  S27 BT

45.20 Stock trail bears NW. and SE.

53.80 Leave timber; enter sagebrush opening, bears E. and W.

69.60 Re-enter timber, bears NW. and SE.

80.00 On top of raise, in scattering timber, bearing NW. and SE.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in  
 ground, for cor. secs. 22, 23, 26 and 27, with brass  
 cap marked

T16S	R21E
S22	S23
S27	S26

1920

from which

- A pinon, 8 ins.diam., bears N.53 $\frac{1}{2}$ °E., 78 lks.  
 dist., marked T16S R21E S23 BT
- A pinon, 8 ins.diam., bears S.78 $\frac{3}{4}$ °E., 86 lks.  
 dist., marked T16S R21E S26 BT
- A pinon, 6 ins.diam., bears S.6 $\frac{5}{8}$ °W., 149 lks.  
 dist., marked T16S R21E S27 BT

Subdivision of T. 16 S., R. 21 E.

Chains	
	<p>Apinon, 14 ins. diam.; bears N. 83<math>\frac{1}{2}</math>° W., 1320 lks. dist., marked T16S R21E S22 BT</p> <p>Land, rolling and rough mountainous; steep N. and S. slopes of gulch draining about W. into Ten Mile Canyon, on the S. 35<math>\frac{1}{4}</math> chs.; covered with dense timber of cedar, pinon and scattered red pine; undergrowth considerable service, oak, sage brush and scrub mahogany; soil, rocky mixed with dark sandy loam: Remainder of mile is rolling top, with slight NW. exposure, covered with scattered cedar and pinon, occurring in clumps, and considerable sagebrush and grass; soil, deep, fine sandy loam, on clay and hardpan subsoil. Good grazing land.</p>
	-----
	S. 89°57' E., on random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. and S. line, 21 lks. S. of cor. secs. 23, 24, 25 and 26; thence
	S. 89°54' W., on true line, bet. secs. 23 and 26.
	Over rolling mountainous land, through dense timber and scattered undergrowth; across top of spur to
6.30	Begin steep descent over W. slope, bears N. 20° E. and S. 20° W.
12.60	Leave timber, enter open sagebrush swale, bears N. and S.
15.60	Bottom of swale, 205 ft. below sec. cor., course N. 10° E.
19.00	Leave swale and re-enter dense timber, bears N. and S.
	Ascend E. slope, 210 ft. to
24.64	Rim of swale, bears N. and S.; gently asc. to
30.15	Top of flat ridge, leave dense, enter very scattered timber, bearing N. 10° E. and S. 10° W.; desc. W. slope, 150 ft.
39.65	Bottom of draw, course N. 10° E.
40.09	In draw bottom.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S23  
S26  
1920

Subdivision of T. 16 S., R. 21 E.

Chains

from which

A pinon, 8 ins diam., bears N.36°W., 133 lks.  
dist., marked  $\frac{1}{4}$  S23 BT

and raise a mound of stone, 2 ft. base, 1½ ft. high;  
N. of cor. No trees within limits in sec. 26.

46.50 Spur, 130 ft. above  $\frac{1}{4}$  cor., projects N.30°E. about 7  
chs. dist. to end; desc. 85 ft. to

50.40 Swale, course NE.; asc. E. slope.

54.25 Enter dense timber, bears N. and S.20°W.

58.00 Rim of swale, 150 ft. above bottom, bears N.20°E. and  
S.20°W.; thence over rolling top, gradually ascending.

71.00 Center of S. end of opening, 6 chs. wide, extends N.

80.18 The cor. of secs. 22, 23, 26 and 27, 75 ft. above 58 ch.  
point.

Land, rolling mountainous, E. and W. slopes; drainage N.  
Soil, sandy loam, mixed with some scattered rock, on  
clay and rock subsoil.

Timber, dense to scattered cedar and pinon.

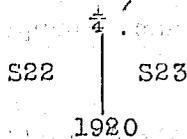
Undergrowth, sagebrush, with scattered patches of oak  
and service brush. Fair grazing land.

N. 0°01' W., bet. secs. 22 and 25.

Over rolling mountainous land, gentle NE. exposure,  
through medium dense timber and scattering undergrowth;  
gradually descending along NE. and E. slopes.

40.00 In head of small draw, 35 ft. deep, and 160 ft. below  
sec. cor.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A yellow pine, 10 ins diam., bears N.32°E., 59 lks.  
dist., marked  $\frac{1}{4}$  S23 BT

A red pine, 8 ins. diam., bears N.8°W., 44 lks.  
dist., marked  $\frac{1}{4}$  S22 BT

Subdivision of T. 16 S., R. 21 E.

Chains

- 59.50 Near head of small draw, 25 ft. deep, course NE.  
 71.75 Head of swale, 15 ft. deep, course NE.  
 80.00 On top of small spur, projecting NE.  
 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 14, 15, 22 and 23, with brass cap marked

T16S	R21E
S15	S14
S22	S23

1920

from which

- A pinon, 10 ins. diam., bears N. 63 $\frac{1}{2}$ ° E., 74 lks. dist., marked T16S R21E S14 BT
- A pinon, 9 ins. diam., bears S. 51 $\frac{1}{2}$ ° E., 33 lks. dist., marked T16S R21E S25 BT
- A pinon, 12 ins. diam., bears S. 20° W., 17 lks. dist., marked T16S R21E S22 BT
- A pinon, 14 ins. diam., bears N. 8 $\frac{1}{2}$ ° W., 30 lks. dist., marked T16S R21E S15 BT

Land, rolling mountainous, with general NE and E. exposures; drainage north-easterly.

Soil, sandy loam mixed with rock, and rocky; sandstone formation.

Timber, medium dense cedar and pinon, on mile.

Undergrowth, sagebrush, and scattered oak and service brush; fair grazing land.

N. 89° 54' E., on random line, bet. secs. 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.16 Intersect N. and S. line, 9 lks. N. of cor. secs. 13, 14, 23 and 24; thence

S. 89° 58' W., on true line, bet. secs. 14 and 23.

Over mountainous land, through dense timber and scattering undergrowth; asc. abrupt, rocky SE. slope, 305 ft. to ridge.

13.00 Leave dense timber, continue through very scattered timber and heavier undergrowth, bears NE. and SW.

17.25 Top of ridge, bears N. and S.; desc. W. slope, 245 ft.

27.20 Ravine, and small spring branch, 1 lk. wide, course N.; ascend 150 ft. to

Chains

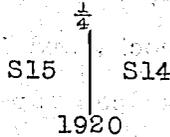
- 36.45 Spur, projects N.20°E., and enter dense timber, bearing N. and S.; desc. 20 ft. to
- 38.50 Swale, near head, drains N.
- 40.08 On gentle E. slope.  
Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in ground, to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- S14  
 $\frac{1}{4}$  —————
- .S23  
1920
- from which
- A pinon, 8 ins. diam., bears S.3°W., 53 lks. dist., marked  $\frac{1}{4}$  S23 BT
- A pinon, 6 ins. diam., bears N.4 $\frac{3}{4}$ °E., 31 lks. dist., marked  $\frac{1}{2}$  S14 BT
- Asc. E. slope, 150 ft. to
- 48.30 Spur, projects N.20°E.; desc. W. slope, 200 ft. to
- 58.75 Ravine, course N.10°E.; asc. 255 ft. to
- 71.10 Spur, projects NE.; desc. 100 ft. to
- 76.50 Swale, drains NE.; asc. 75 ft. to
- 80.16 The cor. of secs. 14, 15, 22 and 23.  
Land, rough and rolling mountainous, E. and W. exposures; drainage N.  
Soil, sandy loam mixed with rock, and rocky; sandstone formation.  
Timber, medium dense and scattering, on greater portion of mile; cedar and pinon.  
Undergrowth, considerable sagebrush, service and oak brush. Fair grazing land.
- 
- N. 0°01' W., bet. secs. 14 and 15.  
Over rolling mountainous land, through dense timber and scattering undergrowth; desc. NE. slope, 115 ft. to
- 8.10 Ravine, course NE.; gradually asc. along SE. slope.
- 18.00 Top of ascent from ravine, 115 ft. above bottom, bears NE. and SW.; thence over rolling top, slight E. slope.

Chains

30.50 Begin gentle descent over slight NW. slope.

40.00 On gentle NW. slope, 30 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

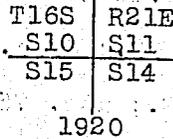
A pinon, 24 ins. diam., bears S.  $82\frac{3}{4}^{\circ}$ W., 31 lks. dist., marked  $\frac{1}{4}$  S15 BT

A pinon, 10 ins. diam., bears N.  $18\frac{1}{2}^{\circ}$ E., 13 lks. dist., marked  $\frac{1}{4}$  S14 BT

Continue gradual descent over NW. slope towards swale, 265 ft. to

80.00 At base of descent in E. edge of swale, draining NE.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 10, 11, 14 and 15, with brass cap marked



from which

A pinon, 6 ins. diam., bears N.  $37\frac{1}{2}^{\circ}$ E., 65 lks. dist., marked T16S R21E S11 BT

A pinon, 6 ins. diam., bears S.  $15\frac{3}{4}^{\circ}$ E., 34 lks. dist., marked T16S R21S S14 BT

A pinon, 10 ins. diam., bears S.  $36\frac{1}{2}^{\circ}$ W., 27 lks. dist., marked T16S R21E S15 BT

A cedar, 6 ins. diam., bears N.  $21\frac{1}{2}^{\circ}$ W., 17 lks. dist., marked T16S R21E S10 BT

Land, rolling mountainous; with SE. and NW. exposures;

drainage N.

Soil, sandy loam, with some rock; sandstone formation.

Timber, medium dense cedar and pinon.

Undergrowth, considerable sagebrush, with scattered

service and oak brush. Fair grazing land.

N.  $89^{\circ}58'$  E., on random line, bet. secs. 11 and 14.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.16 Intersect N. and S. line, 7 lks. N. of cor. secs.

11, 12, 13 and 14; thence

Subdivision of T. 16 S., R. 21 E.

Chains	
	N. 89°59' W., on true line, bet. secs. 11 and 14.
	Over mountainous land, through dense timber and scattered undergrowth; desc. NW. slope, 70 ft. to
7.00	Small swale, drains N.; asc. gradual E. slope, 35 ft. to
16.70	Low rolling spur, projects N.; desc. gradually NW. slope.
20.45	E. rim of canyon, bears NE. and SW.; desc. abrupt W. slope.
26.30	Small seep, 1 lk. wide, in bottom of canyon, 215 ft. below spur, course N.; asc. abruptly 130 ft. to
32.00	W. rim of canyon, bears NE. and SW.; thence more gradual ascent over SE. slope 65 ft. to
40.08	On SE. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S11
	from which
	A pinon, 10 ins. diam., bears S. 11 $\frac{1}{4}$ ° E., 17 lks. dist., marked $\frac{1}{4}$ S14 BT
	A pinon, 10 ins. diam., bears N. 43° W., 15 lks. dist., marked $\frac{1}{4}$ S11 BT
49.55	Ridge, bears NE. and SW.; 165 ft. above $\frac{1}{4}$ cor.; desc.
56.25	Small swale, 75 ft. below ridge, drains NE.; asc. 90 ft.
62.65	Ridge, bears NE. and S.; desc. NW. slope, 195 ft. to
80.16	The cor. of secs. 10, 11, 14 and 15.
	Land, rolling and rough mountainous, E. and W. exposures; drainage N.
	Soil, rocky and sandy loam; sandstone formation.
	Timber, dense cedar and pinon.
	Undergrowth, scattered sage, service and oak brush.
	Fair grazing land.
	-----
	N. 0°01' W., bet. secs. 10 and 11.
	Over rolling mountainous land, through dense timber and scattered short undergrowth; gently desc. along W. slope.
3.90	Stock trail, bears NE. and SW.
6.00	Bottom of open swale, drains NE., and leave timber,

Subdivision of T. 16 S., R. 21 E.

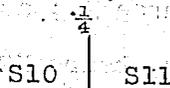
Chains

bears NE. and S.20°W.; gently asc. along E. slope.

15.70 Re-enter dense timber, bears NE. and SW.; continue ascent over rolling E. slope, 75 ft. to

40.00 On a SE. slope.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

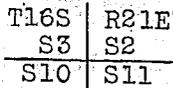
A pinon, 14 ins. diam., bears N.75°E., 6 lks. dist., marked  $\frac{1}{4}$  S11 BT

A pinon, 8 ins. diam., bears N.88 $\frac{1}{2}$ °W., 51 lks. dist., marked  $\frac{1}{4}$  S10 BT

45.00 Spur, 60 ft. above  $\frac{1}{4}$  cor., projects E.; thence gradually descending over rolling NE. and E. slopes, 150 ft. to

80.00 On gradual E. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 2, 3, 10 and 11, with brass cap marked



1920

from which

A cedar, 10 ins. diam., bears N.32 $\frac{1}{2}$ °E., 81 lks. dist., marked T16S R21E S2 BT

A pinon, 12 ins. diam., bears S.15 $\frac{1}{2}$ °E., 23 lks. dist., marked T16S R21E S11 BT

A cedar, 14 ins. diam., bears S.66 $\frac{3}{4}$ °W., 64 lks. dist., marked T16S R21E S10 BT

A cedar, 8 ins. diam., bears N.15 $\frac{1}{2}$ °W., 39 lks. dist., marked T16S R21E S3 BT

Land, rolling mountainous having a general NE. exposure and drainage.

Soil, sandy loam, mixed with some scattered rock, on clay and rock subsoil; sandstone formation.

Timber, medium dense cedar and pinon, on mile.

Undergrowth, scattered sagebrush, service and oak brush.

Fair grazing land.

Subdivision of T. 16 S., R. 21 E.

Chains	
	S. 89°59' E., on random line, bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line, 7 lks. S. of cor. secs. 1, 2, 11 and 12; thence
	S. 89°58' W., on true line, bet. secs. 2 and 11.
	Over mountainous land, through dense timber and scattered undergrowth; gradually desc. W. slope, 85 ft. to
12.40	E. rim of canyon, bears N. and S.; desc. abrupt, rocky W. slope, 310 ft. to
21.70	Small stream, 2 lks. wide, 2 ins. deep, good water, in bottom of rocky canyon, course N.10°W.; asc. abrupt E. slope, 310 ft. to
29.00	W. rim of canyon, bears N. and S.; thence over rolling top, gradually ascending, 50 ft. to
38.30	Top of raise, bears N. and S.; gently desc. NW. slope.
40.03	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in ground to bedrock, and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S2 \\ \hline \frac{1}{4} \\ S11 \end{array}$
	1920
	from which
	A cedar, 10 ins.diam., bears S, 10°W., 58 lks. dist., marked $\frac{1}{4}$ S11 BT
	A pinon, 8 ins.diam., bears N. 22°W., 42 lks. dist., marked $\frac{1}{4}$ S2 BT
	Over rolling N. and NW. slope.
49.00	Center of sagebrush opening 6 chs. wide, extends N.
54.40	Enter open swale, bears N.30°E. and SW.
58.10	Bottom of swale, drains N.30°E.; 50 ft. below $\frac{1}{4}$ cor.
60.50	Leave swale, re-enter timber, bears NE. and SW.
80.06	The cor. of secs. 2, 3, 10 and 11, 65 ft. above swale. Land, rolling and rough mountainous; drainage N. Soil, sandy loam, with scattered rock; excepting along abrupt canyon slopes which are very rocky; sandstone formation.

Subdivision of T. 16 S., R. 21 E.

Chains

Timber medium dense cedar and pinon; with scattering red pine, on greater portion of mile.

Undergrowth, considerable sagebrush; with scattering clumps of service and oak brush.

Fair grazing lands on portions of mile.

N. 0°06' E., on random line, bet. secs. 2 and 3.

40.00 Set temp. 1/2 sec. cor.

80.11 Intersect N. bdy. of tp., 21 lks. E. of true point for cor. secs. 2, 3, 34 and 35, which is 20 lks. E. of the witness cor.; heretofore described; thence

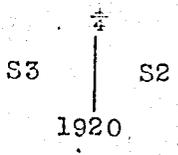
S. 0°03' E., on true line, bet. secs. 2 and 3.

Over rolling mountainous land, through medium dense timber and scattered undergrowth; asc. along draw, draining N.

9.10 Top of ascent from gulch, 70 ft. above cor., bears NE. and NW.; thence gradually asc. N. slope of spur, through scattering timber.

32.00 Top of flat spur, 150 ft. above cor., projects NE.

40.11 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for 1/2 sec. cor., with brass cap marked



from which

A cedar, 14 ins. diam.; bears S. 18 1/4° E., 105 lks. dist., marked 1/2 S2 BT

A cedar, 6 ins. diam.; bears S. 12° W., 32 lks. dist., marked 1/2 S3 BT

43.50 Head of depression on E. slope, drains N. 70° E.; gradually asc. E. and NE. slopes; and leave timber bears NE. and W.

51.50 Re-enter timber, bears NE. and SW.

58.55 Spur, 135 ft. above 1/2 cor., projects N. 35° E.; desc. along E. slope, 80 ft. to

80.11 The cor. of secs. 2, 3, 10 and 11.

land, rolling mountainous, general N. and NE. exposure and drainage.

Subdivision of T. 16 S., R. 21 E.

Chains

Soil, sandy loam mixed with scattering rock and some shale; sandstone formation.

Timber, medium dense and scattering cedar and pinon, on greater portion of mile.

Undergrowth, scattered sagebrush, service and oak brush.

Fair grazing land.

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 From the cor. of secs. 3, 4, 33 and 34 on S. bdy. of tp., heretofore described.

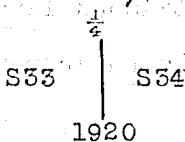
N. 0°02' W., bet. secs. 33 and 34.

Over rolling mountainous land; through dense timber and considerable undergrowth of sage and oak brush; gradually descending along a rough W. slope, on E. side of deep gulch draining N.

40:00

On steep NW. slope, 280 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A spruce, 10 ins. diam., bears S. 40° E., 64 lks. dist., marked  $\frac{1}{4}$  S34 BT

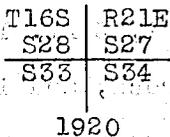
A spruce, 8 ins. diam., bears S. 35 $\frac{1}{2}$ ° W., 32 lks. dist., marked  $\frac{1}{4}$  S33 BT

Continue along steep W. slope, rocky and broken.

80:00

On steep W. slope, 235 ft. below  $\frac{1}{4}$  cor.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 27, 28, 33 and 34, with brass cap marked



from which

A pinon, 12 ins. diam., bears N. 70° E., 83 lks. dist., marked T16S R21E S27 BT

A pinon, 10 ins. diam., bears S. 57 $\frac{3}{4}$ ° E., 32 lks. dist., marked T16S R21E S34 BT

A spruce, 8 ins. diam., bears S. 32 $\frac{1}{2}$ ° W., 47 lks.

Subdivision of T: 16 S., R. 21 E.

dist., marked T16S R21E S33 BT  
A spruce, 14 ins. diam., bears N. 83° W., 16 lks.  
dist., marked T16S R21E S28 BT

Land, rolling mountainous having a western exposure  
into a deep gulch, draining N., from 5 to 10 chs. W. of  
line.

Soil, rocky with shallow dark sandy loam; sandstone forma-  
tion.

Timber, medium dense cedar and pinon, with scattered  
spruce and red pine, on mile.

Undergrowth, sage, oak and scattered service brush.

Poor grazing land.

-----  
East, on random line, bet. secs. 27 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

60.02 Intersect N. and S. line, 2 lks. N. of cor. secs. 26,  
27, 34 and 35; thence

N. 69° 59' W., on true line, bet. secs. 27 and 34.

Over rough mountainous land, through medium dense timber  
and considerable undergrowth; desc. abrupt, rocky NW.  
slope.

26.30 Base of slope and enter bottom of Ten Mile Canyon, 940  
ft. below sec. cor., bears N. 30° W. and S. 20° E.; thence  
across open bottom, through dense sagebrush.

32.80 Small stream, 2 lks. wide, 2 ins. deep, good water in  
wash, 30 lks. wide, 6 ft. deep, in Ten Mile Canyon,  
course N. 30° W.;

34.00 Leave canyon, re-enter dense timber, bears N. 30° W.  
and S. 30° E.; asc. abrupt, rocky E. slope.

40.01 On abrupt E. slope, 185 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in  
ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec.  
cor., with brass cap marked

S27

S34  
1920

from which

Subdivision of T. 16 S., R. 21 E.

Chains

A red pine, 6 ins.diam., bears S.  $18\frac{1}{2}^{\circ}$ E., 20 lks.  
 dist., marked  $\frac{1}{4}$  S34' BT  
 A red pine, 5 ins.diam., bears N.  $79\frac{1}{2}^{\circ}$ W., 7 lks..  
 dist., marked  $\frac{1}{4}$  S27' BT

47.50 Spur, 190 ft. above  $\frac{1}{4}$  cor., slopes N.; desc. 95 ft. to  
 53.75 Gulch, course NE.; asc. abruptly E. slope, 265 ft. to  
 61.00 W. rim of gulch, bears NE. and S.; thence more gradual  
 ascent of 70 ft. to

66.30 Spur, 335 ft. above gulch, projects N.; desc. steep W.  
 slope, 440 ft. to

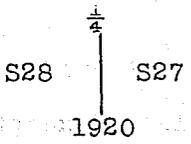
80.02 The cor. of secs. 27, 28, 33 and 34.  
 Land, rough mountainous with abrupt slopes; drainage into  
 Ten Mile Canyon, which drains NW.  
 Soil, rocky with shallow sandy loam; sandstone formation  
 Timber, dense cedar and pinon, with scattered red pine  
 and few spruce on N. slopes.  
 Undergrowth, considerable sagebrush, scattered service,  
 oak brush and mountain mahogany.  
 Poor grazing land on most of mile.

-----  
 N.  $0^{\circ}02'$  W., bet. secs. 27 and 28.

Over rough mountainous land, through dense timber and  
 scattering undergrowth; desc. steep NW. slope.

12.21 Small spring branch, 1 lk. wide, in bottom of deep,  
 narrow gulch, 355 ft. below sec. cor., course NE.;  
 asc. steep SE. and E. slopes, 400 ft. to

40.00 On top of spur, E. slope, ascends to W.  
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A red pine, 6 ins.diam., bears N.  $7\frac{1}{2}^{\circ}$ W., 71 lks.  
 dist., marked  $\frac{1}{4}$  S28' BT  
 A red pine, 12 ins.diam., bears S.  $9\frac{1}{2}^{\circ}$ E., 25 lks.  
 dist., marked  $\frac{1}{4}$  S27' BT

Descend abruptly into canyon, 515 ft. to

Subdivision of T. 16 S., R. 21 E.

Chains

53.65 Base of slope and leave timber; enter bottom of Ten Mile Canyon, bears N.70°W. and SE.; thence across canyon bottom, through dense sagebrush.

54.75 Stream, 3 lks. wide, 3 ins. deep, good water, in wash, 30 lks. wide, 6 ft. deep, course NW.

59.80 Leave canyon and base of 60 ft. perpendicular ledge, bearing NW. and SE.; asc. abruptly general S. slope, over series of high sandstone ledges, 565 ft. to

80.00 On abrupt, rocky SW. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 8 ins. in ground to bedrock, and in a large mound of stone, for cor. secs. 21, 22, 27 and 28, with brass cap marked

T16S	R21E
S21	S22
S28	S27

1920

from which

A red pine, 16 ins.diam., bears N.55½°E., 45 lks. dist., marked T16S R21E S22 BT

A red pine, 16 ins.diam., bears S.55°E., 30 lks. dist., marked T16S R21E S27 BT.

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable trees within limits in remaining secs.

Land, high, rough mountainous, abrupt slopes of Ten Mile Canyon, which drains NW.

Soil, rocky in form of ledges and boulders, with shallow dark sandy loam.

Timber, medium dense cedar and pinon, with scattered red pine.

Undergrowth, scattered sage, service and oak brush.

Poor grazing land, excepting in canyon bottom.

-----  
S. 89°59' E., on random line, bet. secs. 22 and 27.

40.00 Set temp. ¼ sec. cor.

79.80 Intersect N. and S. line, 5 lks. S. of cor. secs. 22, 23, 26 and 27; thence

Subdivision of T. 16 S., R. 21 E.

Chains

S. 89°59' W., on true line, bet. secs. 22 and 27.

Over rolling mountain top, through scattering timber and considerable sagebrush.

2.10 Enter dense timber, bears N.30°E. and SW.

7.70 Enter sagebrush opening, bears N.30°W. and S.30°E.

11.80 Re-enter dense timber, bears NW. and SE.

33.80 Enter opening, bears N. and SW.

39.90 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S22

$\frac{1}{4}$  ———

S27

1920

from which

A pinon, 20 ins. diam., bears S.64°W., 203 lks. dist., marked  $\frac{1}{4}$  S27 BT

A pinon, 20 ins. diam., bears N.86 $\frac{1}{2}$ °W., 112 lks. dist., marked  $\frac{1}{4}$  S22 BT

40.75 Re-enter dense timber NE. and S.

54.80 Leave rolling top of mountain and rim of Ten Mile Canyon, bearing N.70°W. and SE.; desc. broken, rocky SW. slope, 430 ft. to

79.80 The cor. of secs. 21, 22, 27 and 28.

Land, E. 54.80 chs. rolling top of mountain with slight exposure to N. and NW.; remainder steep, rocky SW. slope, draining into Ten Mile Canyon.

Soil, on the rolling top is shallow, loose sandy loam, on sandstone and clay subsoil; rocky on remainder.

Timber, medium dense cedar and pinon on greater portion of mile; scattered red pine on W. end of mile.

Undergrowth, considerable black sagebrush.

Good grazing land.

-----  
N. 0°02' W., bet. secs. 21 and 22.

Over rough mountainous land, through dense timber and scattering undergrowth; asc. abrupt, rocky SW. slope.

3.70 Top of ledges and rim of canyon, bears N.80°E. and S.80°E. continue ascent

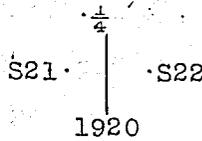
8.00 Top of spur, 240 ft. above sec. cor., projects W.;

Subdivision of T. 16 S., R. 21 E.

Chains

descend abruptly N. slope, 425 ft. to  
 25.00 Gulch, course N.80°W.; asc. abruptly S. slope, over  
 series of sandstone ledges, 320 ft. to  
 35.30 Spur, projects W.; desc. abruptly NW. slope.  
 40.00 On a steep W. slope, 90 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor.; with brass cap marked



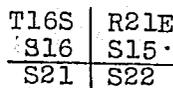
from which

- A red pine, 16 ins.diam., bears N.55°W., 41 lks.  
 dist., marked  $\frac{1}{4}$  S21 BT
- A red pine, 24 ins.diam., bears S.89 $\frac{1}{2}$ °E., 39 lks.  
 dist., marked  $\frac{1}{4}$  S22 BT

42.50 Gulch; 35 ft. below  $\frac{1}{4}$  cor.; course SW.; asc. steep SE.  
 slope, 450 ft. to

62.20 Top of ascent and rim of mesa or mountain top, bears  
 NE. and S.60°W.; thence over rolling top.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in  
 ground to bedrock, and in a large mound of stone, for  
 cor. secs. 15, 16, 21 and 22, with brass cap marked



1920

from which

- A pinon, 8 ins.diam., bears N.50°E., 63 lks.  
 dist., marked T16S R21E S15 BT
  - A pinon, 6 ins.diam., bears S.18 $\frac{1}{2}$ °E., 88 lks.  
 dist., marked T16S R21E S22 BT
  - A pinon, 10 ins.diam., bears S.37°W., 104 lks.  
 dist., marked T16S R21E S21 BT
- No suitable tree within limits in sec. 16, and no  
 accessory mound built.

Land, rough and rolling mountainous; drainage W.  
 Soil, rocky with shallow sandy loam; sandstone formation.  
 Timber, medium dense cedar and pinon, with scattering  
 red pine and mahogany on S. 62 chs.  
 Undergrowth, scattering sagebrush, service and oak brush.  
 Fair grazing land.

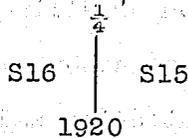
Subdivision of T. 16 S., R. 21 E.

Chains	
	N. 89°59' E., on random line, bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 9 lks. N. of cor. secs. 14, 15, 22 and 23; thence
	N. 89°57' W., on true line, bet. secs. 15 and 22.
	Over rolling mountainous land, through medium dense timber and scattering undergrowth; asc. 5 ft. to
1.50	Low spur, projects NE.; desc. 90 ft. to
5.35	Draw, course NE.; asc. 120 ft. to
13.35	Top of raise, bears NE. and SW.; desc. 65 ft. to
22.80	Open swale, drains N.; asc. 110 ft. to
33.40	Top of raise, bears N. and S.; thence over rolling top.
40.01	On nearly level ground.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S15
	— $\frac{1}{4}$
	S22 1920
	from which
	A cedar, 8 ins. diam., bears S. 13 $\frac{1}{2}$ ° E., 96 lks. dist., marked $\frac{1}{4}$ S22/BT
	A pinon, 16 ins. diam., bears N. 40° E., 164 lks. dist., marked $\frac{1}{4}$ S15/BT
66.50	Begin gradual descent to swale, 155 ft. to
75.45	Open swale, course N.; asc. 110 ft. to
80.02	The cor. of secs. 15, 16, 21 and 22.
	Land, rolling mountainous; NE. and N. exposure and drainage.
	Soil, sandy loam and rocky.
	Timber, medium dense cedar and pinon, on greater portion of mile.
	Undergrowth, considerable sagebrush, with scattering service brush.
	Fair grazing land.
	-----
	N. 0°02' W., bet. secs. 15 and 16.
	Over rolling mountainous land, through dense timber and

Subdivision of T. 16 S., R. 21 E.

Chains

scattering undergrowth; gradually desc. 255 ft. to  
 28.05 Open draw, course NW.; asc. 80 ft. to  
 40.00 Set an iron post, 3 ft. long; 1 in. dia., 26 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

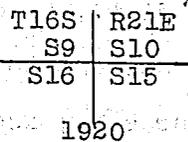
- A pinon, 24 ins.diam., bears S.64 $\frac{1}{2}$ °E.; 20 lks.  
dist., marked  $\frac{1}{4}$  S15 BT
- A pinon, 12 ins.diam., bears N.74 $\frac{1}{2}$ °W.; 60 lks.  
dist., marked  $\frac{1}{4}$  S16 BT

Gradually desc. N. and NW. slopes, 125 ft. to  
 60.00 S. rim of canyon, bears N.70°E. and S.70°W.; desc.  
 abruptly 265 ft. to

69.00 Bottom of canyon, course W. for about 10 chs., thence  
 NW.; asc. abruptly 265 ft. to

73.80 N. rim of canyon, bears E. and W.; thence over rolling  
 top.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in  
 ground, for cor. secs. 9, 10, 15 and 16, with brass  
 cap marked



from which

- A red pine, 6 ins.diam., bears N.26 $\frac{3}{4}$ °E.; 51 lks.  
dist., marked T16S R21E S10 BT
- A red pine, 8 ins.diam., bears S.50 $\frac{1}{4}$ °E.; 63 lks.  
dist., marked T16S R21E S15 BT
- A cedar, 8 ins.diam., bears S.66 $\frac{1}{4}$ °W.; 39 lks.  
dist., marked T16S R21E S16 BT
- A cedar, 8 ins.diam., bears N.65°W.; 36 lks.  
dist., marked T16S R21E S9 BT

Land, rolling mountainous, general NW. exposure and  
 drainage.

Soil, shallow sandy loam and rocky; sandstone formation.

Timber, medium dense cedar and pinon, with few scattered  
 red pine along canyon and N. end of mile.

Undergrowth, scattering sage, service and oak brush.

Fair grazing land.

Subdivision of T. 16 S., R. 21 E.

Chains	
	S. 89°57' E., on random line, bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line, 9 lks. S. of cor. secs. 10, 11, 14 and 15; thence
	S. 89°59' W., on true line, bet. secs. 10 and 15.
	Over rolling mountainous land, through scattered timber and short sagebrush undergrowth; gradually desc. gentle NW. slope.
1.00	Leave timber, enter open sagebrush swale, bears NE. and SW.
3.00	Base of swale, 15 ft. below sec. cor., drains NE.; asc.
7.00	Leave open swale, enter dense timber, bears NE. and S.; begin steeper ascent E. slope.
17.00	Top of ascent on E. edge of ridge, 190 ft. above swale, bears N. and S.; thence over nearly level top, slightly ascend.
35.00	W. edge of ridge, bears NE. and SW.; desc. W. slope.
37.00	Leave timber and enter open swale, bears NE. and SW.
39.95	In swale, draining SW., 110 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S10
	$\frac{1}{4}$ ———
	S15
	1920
	from which
	A pinon, 8 ins. diam., bears S. 42° E., 124 lks. dist., marked $\frac{1}{4}$ S15 BT
	A pinon, 6 ins. diam., bears N. 22½° W., 197 lks. dist., marked $\frac{1}{4}$ S10 BT
41.00	Base of the swale, drains SW.; gradually asc. SE. slope.
45.60	Leave open swale, re-enter dense timber, bears N. 60° E. and S. 60° W.
50.55	Top of ascent on S. slope, 55 ft. above swale, bears N. and S.; desc. gradual W. slope.
70.00	Center of sagebrush opening, 6 chs. wide, extending NE. and SW.
79.90	The cor. of secs. 9, 10, 15 and 16, 170 ft. below top of ascent.

Subdivision of T. 16 S., R. 21 E.

Chains

Land, rolling mountainous with general NE. and SW. exposures and drainage.  
 Soil; sandy loam, 1 to 3 ft. deep, on rock and clay subsoil, with scattered patches of rocky soil on slopes.  
 Timber, medium dense cedar and pinon, on greater part of mile.  
 Undergrowth, considerable black sagebrush, with an occasional clump of oak and service brush on the steeper slopes.  
 Good grazing land.

N. 0°02' W., bet. secs. 9 and 10.

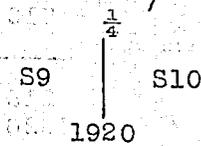
Over rolling mountainous land, through dense timber and scattering undergrowth; gradually desc. NW. slope.

5.90 Cross head of draw, 25 ft. below sec. cor., drains W.; gradually asc. SW. slope, 155 ft. to

30.20 Top of ascent, bears NE. and SW.; gradually desc. along W. slope.

40.00 On a gradual W. slope.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A pinon, 12 ins. diam., bears S. 32 $\frac{1}{2}$ ° W., 26 lks. dist., marked  $\frac{1}{4}$  S9 BT

A pinon, 14 ins. diam., bears N. 69° E., 55 lks. dist., marked  $\frac{1}{4}$  S10 BT

41.10 Small draw, 50 ft. below top of ascent, drains NW.; gradually asc. 165 ft. to

58.00 Spur, projects W.; gradually desc. NW. slope.

70.00 Leave timber, enter open swale, draining NW.

80.00 On gentle W. slope in swale, 130 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 3, 4, 9 and 10, with brass cap marked

2

Subdivision of T.16 S., R. 21 E.

Chains

T16S	R21E
S4	S3
S9	S10

1920

from which

- A. cedar, 6 ins. diam., bears N.  $50\frac{1}{4}^{\circ}$  E., 79 lks.  
dist., marked T16S R21E S3 BT
- A. piñon, 12 ins. diam., bears S.  $63\frac{1}{2}^{\circ}$  E., 120 lks.  
dist., marked T16S R21E S10 BT
- A. cedar, 10 ins. diam., bears S.  $57^{\circ}$  W., 304 lks.  
dist., marked T16S R21E S9 BT
- A. cedar, 12 ins. diam., bears N.  $82\frac{1}{2}^{\circ}$  W., 395 lks.  
dist., marked T16S R21E S4 BT

Land, rolling mountainous with general westerly exposure and drainage.

Soil, sandy loam with scattered rock; sandstone formation.

Timber, medium dense cedar and piñon, with few scattered red pine, on most of mile.

Undergrowth, considerable sagebrush.

Fair grazing land.

N.  $89^{\circ}59'$  E., on random line, bet. secs. 3 and 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect N. and S. line, 2 lks. S. of cor. secs. 2, 3, 10 and 11; thence

S.  $89^{\circ}58'$  W., on true line, bet. secs. 3 and 10.

Over rolling mountainous land, through dense timber and scattering undergrowth; asc. E. slope, 200 ft. to

13.50 Ridge, bears N. and S.; desc. W. and NW. slopes.

22.00 Leave timber, continue through heavier undergrowth and burnt area, bears N. and S.

28.40 Gulch, 340 ft. below ridge, course NW.; asc. 90 ft. to

38.60 Spur, slopes N.; desc. 15 ft. to

39.98 On W. slope.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S3

$\frac{1}{4}$

S10  
1920

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Subdivision of T. 16 S., R. 21 E.

Chains

46.65 Canyon, 80 ft. below  $\frac{1}{4}$  cor., course N.30°E.; asc.  
 56.50 Leave burnt area, enter dense timber bears N. and S.  
 63.00 Top of ascent on E. edge of ridge, 295 ft. above canyon,  
 bears N. and S.; thence over rolling top to  
 70.00 W. edge of ridge, bears N. and S.; desc. W. slope.  
 79.00 Enter opening, bears N.10°W. and S.10°E.  
 79.96 The cor. of secs. 3, 4, 9 and 10, 130 ft. below ridge.  
 Land; rolling mountainous with E. and W. slopes; drainage  
 N. and NW.  
 Soil, sandy loam, 1 to 3 ft. deep, with scattering loose  
 rock, on rock and clay subsoil; sandstone formation.  
 Timber, medium dense cedar and pinon, on portions of  
 mile.  
 Undergrowth, scattering sagebrush, oak and service brush.  
 Good grazing land.

N. 0°03' W., on random line, bet. secs. 3 and 4.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.36 Intersect N. bdy. of tp., 16 lks. E. of cor. secs.

3, 4, 33 and 34, heretofore described; thence

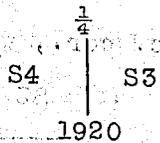
S. 0°10' E., on true line, bet. secs. 3 and 4.

Over rolling mountainous land, through medium dense  
 timber and scattering undergrowth; desc. S. slope, 50  
 ft. to

7.65 Center of open swale, 6 chs. wide, draining NW.; asc.

22.00 Top of ascent from swale, 135 ft. above swale, bears  
 NE. and SW; thence over rolling bench, slight NW.  
 slope.

40.36 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A pinon, 8 ins. diam., bears N.81 $\frac{1}{2}$ °E., 21 lks.  
 dist., marked  $\frac{1}{4}$  S3 BT

Chains

A pinon, 10 ins. diam.; bears N. 77° W., 18 lks. dist., marked  $\frac{1}{4}$  S4 BT

57.50 S. edge of bench, bears E. and W.; desc. SW. slope.

74.00 Leave timber, enter open swale, draining NW., bears W. and S. 10° E.

80.36 The cor. of secs. 3, 4, 9 and 10, 140 ft. below bench. Land, rolling mountainous, NW. and SW. slopes and drainage.

Timber, medium dense cedar and pinon, on greater portion of mile.

Undergrowth, scattered sagebrush.

Fair grazing land.

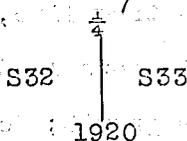
From the cor. of secs. 4, 5, 32 and 33 on S. bdy. of tp., heretofore described.

N. 0° 03' W., bet. secs. 32 and 33.

Over rough mountainous land, through very scattered timber and medium dense undergrowth of oak, service and sage brush; gradually ascending along an abrupt W. slope, on E. slope of Billie Brown Canyon.

40.00 On a steep SW. slope, 165 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in ground to underlying rock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No trees within limits for bearing trees.

Asc. steeper SW. slope.

49.60 Top of ascent and rim of canyon, 200 ft. above  $\frac{1}{4}$  cor., bears NW. and SE.; thence over rolling top of spur, projecting NW.

56.20 N. edge of spur; bears NW. and SE.; desc. NE. slope.

72.00 Bottom of canyon, dry, 310 ft. below spur, course NW. gradually asc. along rolling W. slope, 35 ft. to

Subdivision of T. 16 S., R. 21 E.

Chains

80.00 On gradual W. slope.  
Set an iron post, 5 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 28, 29, 32 and 33, with brass cap marked

T16S	R21E
S29	S28
S32	S33

1920

from which

- A pinon, 12 ins.diam., bears N.34½°E., 243 lks. dist., marked T16S R21E S28 BT
- A pinon, 6 ins.diam., bears N.45°W., 189 lks. dist., marked T16S R21E S29 BT

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No trees within limits in remaining secs.

Land, rough and rolling mountainous; drainage NW.

Soil, rocky and dark, moist sandy and clay loam; rock and shale subsoil; sandstone formation.

Timber, very scattering scrub cedar and pinon.

Undergrowth, medium growth of oak, service and black sage brush. Fair grazing land.

East, on random line, bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 12 lks. S. of cor. secs.

27, 28, 33 and 34; thence

S. 89°55' W., on true line, bet. secs. 28 and 33.

Over rough mountainous land, through dense timber and scattering undergrowth; desc. abrupt W. slope, 280 ft.

8.00 Spring branch, 2 lks. wide, 1 in. deep, good water, in bottom of deep, narrow canyon, course N.30°E.; asc. abrupt E. slope, over broken sandstone ledges.

23.00 Leave timber and enter heavier undergrowth, bears NE. and S.

24.60 Top of high, sharp spur, 900 ft. above canyon, projects N.10°E.; desc. steep W. and NW. slopes.

40.03 In bottom of large draw, 300 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in

Subdivision of T. 16 S., R. 21 E.

Chains

ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S28

$\frac{1}{4}$

S33

1920

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

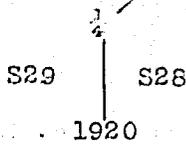
- 40.25 Wash, 15 lks. wide, 3 ft. deep, in large draw, course N.  $10^{\circ}$ E.; gradually asc. E. slope,
- 53.00 Narrow strip of timber, 3 chs. wide, extends N. and S.
- 58.50 Top of rolling ridge, 300 ft. above draw, bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E.; thence over rolling top, gradually desc.
- 69.70 E. rim of canyon, bears NW. and SE.; desc. steep W. slope.
- 80.06 The cor. of secs. 28, 29, 32 and 33, 290 ft. below ridge. Land, rough and rolling mountainous, E. and W. slopes; drainage NE. and NW.
- Soil, sandy and gravelly loams, mixed with scattered rock, and rocky in form of ledges and boulders on the abrupt slopes of canyon.
- Timber, dense cedar, pinon and red pine, with few spruce, on E. 23 chs.; few scattered cedar and pinons on remainder.
- Undergrowth, considerable sagebrush and scattering oak and service brush.
- Good grazing land on western portion of mile.
- 
- N.  $0^{\circ}03'$  W., bet. secs. 28 and 29.
- Over rolling mountainous land, through scattering undergrowth; asc. W. and SW. slopes.
- 2.00 Enter medium dense timber, bears E. and W.
- 19.15 Rim of canyon and S. edge of ridge, 230 ft. above cor., bears N. $70^{\circ}$ W. and SE.; thence over rolling top of ridge, bearing NW. and SE.
- 24.15 S. side of brush corral.
- 26.95 N. side of same.
- 33.00 Enter more scattered timber, bearing NW. and SE.

Chains

33.50 Leave top of ridge, bears NW. and SE.; gradually desc. along NE. and E. slopes.

40.00 On a NE. slope, 90 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A pinon, 8 ins. diam., bears N. 32° E., 113 lks. dist., marked  $\frac{1}{4}$  S28 BT

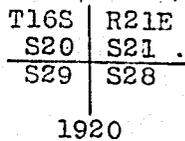
A pinon, 10 ins. diam., bears N. 92° W., 129 lks. dist., marked  $\frac{1}{4}$  S29 BT

Continue along an E. slope.

64.15 Low rolling spur, projects N. 30° E.; dense timber along the top; gradually desc. NW. and W. slopes, 200 ft. to

80.00 On gentle NW. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 20, 21, 28 and 29, with brass cap marked



from which

A pinon, 20 ins. diam., bears N. 97° E., 103 lks. dist., marked T16S R21E S21 BT

A pinon, 8 ins. diam., bears S. 24° E., 146 lks. dist., marked T16S R21E S28 BT

A pinon, 18 ins. diam., bears S. 42° W., 51 lks. dist., marked T16S R21E S29 BT

A pinon, 8 ins. diam., bears N. 20° W., 141 lks. dist., marked T16S R21E S20 BT

Land, rolling mountainous, SW. and NE. exposures and drainage.

Soil, sandy loam, mixed with scattering rock.

Timber, scattering to medium dense cedar and pinon, on most of mile.

Undergrowth, scattering sage, service and oak brush.

Fair grazing land.

Subdivision of T. 16 S., R. 21 E.

Chains	
	N. 89°55' E., on random line, bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.,
80.08	Intersect N. and S. line, 5 lks. N. of cor. secs. 21,
	22, 27 and 28; thence
	S. 89°57' W., on true line, bet. secs. 21 and 28.
	Over rough mountainous land, through medium dense timber
	and scattering undergrowth; desc. abrupt SW. and E.
	slope, over series of high sandstone ledges.
28.40	Base of slope and enter open canyon bottom, 650 ft. below
	sec. cor., bears NW. and SE.; thence across Ten Mile
	Canyon, through dense sagebrush.
29.40	Stream, 5 lks. wide, 3 ins. deep, in wash, 25 lks. wide,
	6 ft. deep, course NW.
31.40	Trail, bears NW. and SE.
35.40	Leave canyon bottom, bears NW. and SE.; asc. abrupt E.
	slope.
40.04	On abrupt E. slope, 180 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in
	ground to bedrock, and in a large mound of stone, for
	$\frac{1}{4}$ sec. cor., with brass cap marked
	S21 ✓
	$\frac{1}{4}$
	S28
	1920
	from which
	A pinon, 12 ins. diam., bears S. 9 $\frac{1}{2}$ ° E., 25 lks.
	dist., marked $\frac{1}{4}$ S28 BT
	A red pine, 6 ins. diam., bears N. 7 $\frac{1}{2}$ ° W., 7 lks.
	dist., marked $\frac{1}{4}$ S21 BT
46.60	Spur, 320 ft. above $\frac{1}{4}$ cor., projects N.; desc. abrupt
	W. slope, 160 ft. to
54.30	Canyon, course N.; asc. abrupt E. slope.
62.60	W. rim of the canyon, 385 ft. above bottom, bears N. and
	S.; thence more gradual ascent of 120 ft. to
71.10	Spur, projects N.; gradually desc. W. slope, 80 ft. to
80.08	The cor. of secs. 20, 21, 28 and 29.
	Land, rough mountainous with abrupt E. and W. slopes;
	drainage into Ten Mile Canyon, draining NW.

Chains

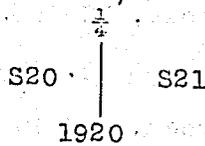
Soil, rocky and shallow sandy loam; sandstone formation.  
 Timber, medium dense cedar and pinon with scattered red  
 pine.  
 Undergrowth, scattering sagebrush, service and oak brush.  
 Fair grazing on portions of the mile.

-----  
 N. 0°03' W., bet. secs. 20 and 21.

Over rough mountainous land, through dense timber and  
 scattering undergrowth; gradually desc. along W. and NW.  
 slopes.

21.75 Draw, 405 ft. below sec. cor., course N:30°E.; thence  
 gradually asc. along abrupt; rocky E. slope.

40.00 On an abrupt SE. slope, 130 ft. above draw.  
 Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in  
 ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec.  
 cor., with brass cap marked



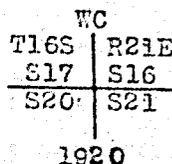
raise a mound of stone, 2 ft. base;  $1\frac{1}{2}$  ft. high, W. of  
 cor. No suitable trees within limits.

47.75 E. point of spur, 85 ft. above  $\frac{1}{4}$  sec. cor., ascends W.;  
 desc. along abrupt NE. slope, 440 ft. to

62.60 Ledgy ravine, drains N.70°E.; asc. 130 ft. to

67.50 Spur, slopes E.; desc. abrupt, ledgy NE. slope, 245 ft.  
 to

79.47 As true point for sec. cor. will fall on impracticable  
 place; therefore at this point,  
 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in  
 ground to bedrock, and in a large mound of stone, for  
 witness cor. to cor. secs. 16, 17, 20 and 21, with brass  
 cap marked



Subdivision of T. 16 S., R. 21 E.

Chains

from which

A red pine, 7 ins.diam., bears S.12 $\frac{1}{2}$ °E., 87 lks.  
dist., marked WC T16S R21E S21 BT

A red pine, 12 ins.diam., bears S.19 $\frac{1}{2}$ °W., 128 lks.  
dist., marked WC T16S R21E S20 BT

A red pine, 8 ins.diam., bears N.73 $\frac{1}{2}$ °W., 20 lks.  
dist., marked WC T16S R21E S20 BT

No suitable tree within limits in sec. 16. or other accessories available.

80.00

True point for sec. cor. falls on abrupt ledgy slope where cor. cannot be perpetuated. No cor. set here.

Land, rough mountainous, abrupt NE. and E. slopes into Ten Mile Canyon, which drains about N.

Soil, rocky in form of broken sandstone ledges and loose rock, mixed with shallow sandy loam.

Timber, medium dense cedar and pinon, with scattering red pine.

Undergrowth, scattering sage and service brush.

Poor grazing land on greater part of the mile.

-----  
From true cor. point for cor. secs.16,17,20 and 21,  
N. 69°57' E., on random line, bet. secs. 16 and 21.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.02

Intersect N. and S. line, 7 lks. N. of cor. secs. 15,  
16, 21 and 22; thence

West, on true line, bet. secs. 16 and 21.

Over rolling mountainous land, through dense timber and scattering undergrowth; gradually desc.MW. slope.

8.30

Open swale, 190 ft. below sec. cor., drains N.; asc.

14.85

Top of ascent on E. edge of ridge, 145 ft. above swale,  
bears N. and S.; thence over top to

23.35

W. edge of ridge, bears NE. and SW.; desc. 270 ft.

37.10

Draw, course SW.; asc. along S. slope, 10 ft. to

40.01

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S16

S21  
1920

Subdivision of T: 16 S., R. 21 E.

Chains

from which

A pinon, 14 ins. diam., bears S. 45° W., 68 lks.  
dist., marked  $\frac{1}{4}$  S21 BT

A pinon, 12 ins. diam., bears N. 30° W., 14 lks.  
dist., marked  $\frac{1}{2}$  S16 BT

Gradually asc. along abrupt, rocky S. slope.

- 47.60 Top of ascent on S. slope, 15 ft. above  $\frac{1}{4}$  cor., ascends to N.; desc. abruptly over ledgy SW. and W. slopes.
- 71.00 Top of 200 ft. sandstone ledge, bears N. 10° W. and S. 10° E.
- 73.55 Base of ledge and E. edge of Ten Mile Canyon, 905 ft. below top of ascent, bears N. 10° W. and S. 10° E.; thence over canyon bottom, through dense sagebrush.
- 76.00 Small stream, 3 lks. wide, 2 ins. deep, in wash, 1 ch. wide, 12 ft. deep, in Ten Mile Canyon, course N.
- 76.60 Trail, bears N. and S.
- 78.50 Leave canyon, bears N. and S.; asc. abrupt, ledgy E. slope, 75 ft. to
- 80.02 The true point for cor. secs. 16, 17, 20 and 21. Land, rolling and rough mountainous; drainage N. Soil, rocky in form of ledges and boulders on slopes of Ten Mile Canyon, with shallow sandy loam; sandy loam, mixed with scattered rock on remainder. Timber, medium dense cedar and pinon, with scattered red pine. Undergrowth, scattering sage, service and oak brush; dense sage in canyon bottom. Fair grazing on portions of the mile.
- 
- N. 0° 03' W., bet. secs. 16 and 17, from true cor. point, which is 53 lks. N. of the witness cor.
- Over rough mountainous land, through scattering timber and undergrowth; desc. along abrupt, ledgy NE. slope.
- 4.85 Base of slope and enter bottom of Ten Mile Canyon, 90 ft. below cor. point, bears N. 20° W. and S. 20° E.; thence along canyon bottom, through dense sagebrush.
- 10.00 Trail, bears N. 20° W. and S. 20° E.
- 14.50 Small stream, 3 lks. wide, 2 ins. deep, in wash, 1 ch. wide, 10 ft. deep, course NW.

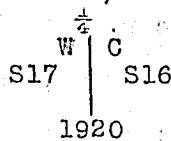
Subdivision of T. 16 S., R. 21 E.

Chains

16.50 Leave bottom of Ten Mile Canyon, bears NW. and SE.; asc. abruptly SW. slope, over series of sandstone ledges, through scattering timber.

35.40 Top of ascent on W. slope, 275 ft. above bottom, slopes W.; desc. abrupt N. slope.

37.00 As true point for  $\frac{1}{4}$  sec. cor. will fall on impracticable ground, therefore at this point, Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in ground to bedrock, and in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked



raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. No suitable trees within limits.

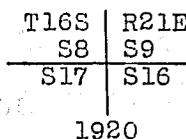
Cor. stands on abrupt N. slope, 95 ft. below top of ascent.

39.10 Bottom of rocky gulch, 95 ft. below the W. C., course W. Ascend abruptly over ledges.

40.00 True point for  $\frac{1}{4}$  sec. cor. falls on abrupt S. face among ledges where cor. cannot be set.

44.45 Top of the abrupt ascent from gulch, 200 ft. above bottom bears E. and W.; thence along a broken, ledgy W. slope, gradually ascending.

80.00 On a W. slope, 120 ft. above the 44.45 ch. point. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 8, 9, 16 and 17, with brass cap marked



from which

A red pine, 14 ins. diam., bears S.  $6\frac{1}{2}^{\circ}$  E., 102 lks. dist., marked T16S R21E S16 BT

A red pine, 10 ins. diam., bears S.  $34\frac{1}{2}^{\circ}$  W., 70 lks. dist., marked T16S R21E S17 BT

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. No suitable trees within limits in remaining secs.

Subdivision of T. 16 S., R. 21 E.

Chains

Land, rough, broken mountainous, slopes of Ten Mile Canyon, which drains northerly.  
 Soil, rocky in form of ledges and boulders, with shallow sandy loam; deep sandy loam in canyon bottom.  
 Timber, medium dense to scattering cedar, pinon, and red pine, on all of mile, excepting in canyon bottom.  
 Undergrowth, scattering sage, service and oak brush.  
 Grazing land in canyon bottom only. Too abrupt on slopes.

-----  
 East, on random line, bet. secs. 9 and 16.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.20

Intersect N. and S. line, 16 lks. N. of cor. secs. 9, 10, 15 and 16; thence

N.  $89^{\circ}53'$  W., on true line, bet. secs. 9 and 16.

Over rough mountainous land, through dense timber and considerable undergrowth; gradually desc. along bench, 20 ft. to

81.10

E. rim of canyon, bears N. and S. for 1 ch. thence SE.; desc. abruptly over ledges, 410 ft.

18.56

Canyon, course NW.; asc. abruptly NE. slope, 400 ft. to

33.20

W. rim of the canyon, bears N. and SE.; thence gradually asc. over bench sloping E.

37.00

Enter burnt area, bears N. and SW.

40.10

On gradual E. slope, in W. edge of burnt area, 90 ft. above rim of canyon.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S9

$\frac{1}{4}$  ———

S16

1920

from which

A pinon, 16 ins. diam., bears N.  $6\frac{1}{2}^{\circ}$  W., 47 lks. dist., marked  $\frac{1}{4}$  S9 BT

A pinon, 14 ins. diam., bears S.  $31\frac{1}{2}^{\circ}$  E., 26 lks. dist., marked  $\frac{1}{4}$  S16 BT

42.00

Begin steeper ascent over E. slope, through dense timber, bears N. and S.

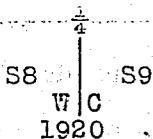
.Subdivision of T. 16 S.; R. 21 E.

Chains

48.70 Top of E. edge of high ridge, 200 ft. above  $\frac{1}{4}$  cor., bears N. and S.; thence over level top to  
 53.00 W. edge of ridge, bears N. and S.; thence desc. abrupt rocky W. slope, 875 ft. to  
 80.20 The cor. of secs. 8, 9, 16 and 17.  
 Land, rough mountainous with E. and W. slopes; drainage N. and NW.  
 Soil, rocky mixed with shallow sandy loam; sandstone formation.  
 Timber, medium dense cedar, pinon and red pine.  
 Undergrowth, considerable sage, service and oak brush.  
 Fair grazing land on portions of the mile.

-----  
 N. 0°03' W., bet. secs. 8 and 9.

Over rolling mountainous land, through dense timber and very scattering undergrowth; along W. slope, gently desc. 40 ft. to  
 5.00 Small depression, drains SW.; asc. S. slope, 410 ft. to  
 21.00 Spur, projects N.80°W.; desc. abrupt N. and NW. slopes.  
 40.00 True point for  $\frac{1}{4}$  sec. cor., falls in bottom of ledgy depression on W. slope, 550 ft. below spur, drains W., where it is impracticable to set cor. No cor. set here.  
 Asc. abrupt, ledgy S. slope, 135 ft. to  
 45.13 Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in ground to bedrock, and in a large mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked



from which.

- A cedar, 12 ins. diam., bears S. 87 $\frac{1}{2}$ ° E., 25 $\frac{1}{2}$  lks. dist., marked WC  $\frac{1}{4}$  S9 BT
- A pinon, 5 ins. diam., bears S. 64 $\frac{1}{2}$ ° W., 20 lks. dist., marked WC  $\frac{1}{4}$  S8 BT

Cor. stands on top of spur, projecting N. 70° W.

Descend abrupt N. slope, 490 ft. to

62.00 Bottom of canyon, dry, 3 chs. wide, covered with dense

Chains

sagebrush, course W.; asc. abrupt S. slope over high sandstone ledges.

65.35 Top of main ledges, 290 ft. above bottom, bears E. and W.; continue more gradual ascent of 75 ft. to

73.30 Top of ledgy spur, 365 ft. above canyon, projects S. 70° W. desc. abrupt NW. and W. slopes, 185 ft. to

80.00 On abrupt, ledgy W. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for cor. secs. 4, 5, 8 and 9, with brass cap marked

T16S	R21E
S5	S4
S8	S9

1920

from which

A red pine, 12 ins. diam., bears N. 43½° E., 9 lks. dist., marked T16S R21E S4 BT

A red pine, 16 ins. diam., bears S. 10½° E., 98 lks. dist., marked T16S R21E S9 BT

A red pine, 14 ins. diam., bears S. 65½° W., 26 lks. dist., marked T16S R21E S8 BT

No. suitable tree within limits in sec. 5. And no other accessories built.

Land, high rough mountainous, general W. slope and drainage into Willow Creek, which drains N.

Soil, rocky in form of ledges and boulders with shallow sandy loam.

Timber, medium dense cedar, pinon and red pine.

Undergrowth, scattering sage, with some service and oak

brush. Poor grazing land.

S. 89° 53' E., on random line, bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line, 23 lks. S. of cor. secs. 3, 4,

9 and 10; thence

S. 89° 57' W., on true line, bet. secs. 4 and 9.

Over rolling mountainous land, through short sagebrush; gradually desc. along swale, 15 ft. to

3.40 Base of swale, drains NW. for about 10 chs. thence W.;

enter dense timber, bears NW. and SE.; continue over

Subdivision of T. 16 S., R. 31 E.

Chains

rolling N. slope, slightly descending.

34.50 Leave rolling top and rim of canyon, bearing N.70°E. and

S.60°W.; begin steep descent over NW. slope, 40 ft. to

40.05 On steep NW. slope.

Set an iron post, 3 ft. long, 1 in. dia., 26 lbs. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S4

$\frac{1}{4}$

S9

1920

from which

A red pine, 10 ins. diam., bears S.38 $\frac{1}{2}$ °W., 44 lbs. dist., marked S9 BT

A red pine, 8 ins. diam., bears S.25 $\frac{1}{2}$ °W., 41 lbs. dist., marked S4 BT

Continue abrupt descent over N. and NW. slopes, 290 ft. to

80.10 The cor. of secs. 4, 5, 8 and 9.

Land, rough and rolling mountainous, general NW. and W. exposures; drainage into Willow Creek.

Soil, rocky and shallow sandy loam; sandstone formation.

Timber, dense cedar, pinon and red pine.

Undergrowth, scattering sage, service and oak brush.

Fair grazing land on the rolling portion.

-----  
N. 0°10' W., on random line, bet. secs. 4 and 5.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.44 Intersect N. bdy. of tp., 12 lbs. W. of cor. secs. 4, 5,

32 and 33, heretofore described; thence

S. 0°05' E., on true line, bet. secs. 4 and 5.

Over rough mountainous land, through dense timber and scattering undergrowth; along abrupt, ledgy W. slope, on E. side of Willow Creek.

28.00 Top of ledgy point on W. slope, desc. abruptly 168 ft.

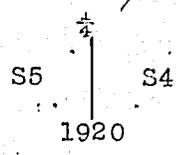
30.25 Base of slope, leave timber, and enter bottom of Willow Creek Canyon, bearing NW. and SE.; thence over rolling bottom through dense sagebrush.

33.25 Willow Creek, 50 lbs. wide, 2 ft. deep, low banks, course NW.

Subdivision of T: 16 S., R. 21 E.

Chains

40.44 In canyon bottom, on W. side of creek.  
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

- 47.25 Willow Creek, at bend, from SE. to course NE.
- 50.20 Re-cross stream, course NE.; dense willows along same.
- 53.05 Re-cross stream, course NW.; dense willows along same.
- 55.50 Leave canyon bottom, bears NW. and SE.; asc. abrupt N. slope, over ledges, 145 ft. to
- 60.00 Top of rocky point, projects E.; desc. abrupt ledgy S. slope, 140 ft. to
- 62.50 Enter canyon bottom and dense willows, bears E. and SW.
- 62.80 Willow creek, 30 lks. wide, 2 ft. deep; course E.
- 65.25 Trail, bears NE. and SW.
- 68.20 Leave canyon bottom and willows, bears NE. and SW.; ascend abruptly NW. and W. slopes, through dense timber, 300 ft. to

80.44 The cor. of secs. 4, 5, 8 and 9.  
Land, rough mountainous and level canyon bottom, lying along Willow Creek.  
Soil, on the mountainous slopes is mostly rocky in form of broken sandstone ledges, with some shallow sandy loam; in canyon bottom, deep sandy and gravelly loams, mixed with surface rock.  
Timber, dense cedar, pinon and red pine on the slopes, no timber in canyon bottom.  
Undergrowth, dense sagebrush and willows in canyon, with very scattered service, oak and sage brush on slopes.  
Grazing land in canyon bottom only.

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From the cor. of secs. 5, 6, 31 and 32 on S. bdy. of tp.,

Subdivision of T. 16 S., R. 21 E.

Chains

heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Over rolling mountainous land, through scattering timber and medium growth of sage, service and oak brush; desc. 40 ft. to

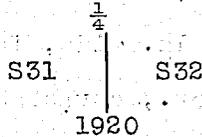
4.20 Draw, course SW.; asc. steep SW. slope, 75 ft. to

10.50 Slope changes to gradual S. slope.

20.50 Top of ascent, 115 ft. above draw, bears E. and SW.; gradually desc. 35 ft. to

31.20 Swale, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

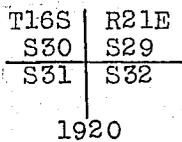
A cedar, 7 ins.diam., bears S.72°E., 207 lks. dist., marked  $\frac{1}{4}$  S32 BT

A cedar, 6 ins.diam., bears S.44 $\frac{1}{2}$ °W., 244 lks. dist., marked  $\frac{1}{4}$  S31 BT

Thence over rolling top, slight SW. slope.

60.00 Top of slight raise, bears NE. and SE.; thence over land with slight N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in ground to bedrock, and in large mound of stone, for cor. secs. 29, 30, 31 and 32, with brass cap marked



from which.

A pinon, 18 ins.diam., bears N.69 $\frac{1}{2}$ °W., 703 lks. dist., marked T16S R21E S30 BT

A cedar, 14 ins.diam., bears S.62 $\frac{1}{2}$ °E., 380 lks. dist., marked T16S R21E S32 BT

No trees within limits in remaining secs. And no other accessories available.

Land, rolling mountainous, with gradual SW. and N. to NE. exposure and drainage.

Subdivision of T. 16 S., R. 21 E.

Chains	
	Soil, stony and sandy loam; sandstone formation. Timber, scattering cedar and pinon. Undergrowth, considerable sage, service and oak brush. Fair grazing land.
	-----
	East, on random line, bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. and S. line, 2 lks. N. of cor. secs. 28, 29, 32 and 33; thence N. $89^{\circ}59'W.$ , on true line, bet. secs. 29 and 32. Over rough mountainous land, through medium dense under- growth of oak, service and sage brush; desc. W. slope.
5.20	Small seep, 1 lk. wide, in bottom of canyon, 130 ft. below sec. cor., course NW.; asc. steep NE. slope.
16.55	Top of spur, 180 ft. above canyon, projects NW.; and enter dense timber, bears NW. and SE.; desc. steep W. and NW. slopes; 400 ft. to
27.45	Spring branch, 2 lks. wide, 2 ins. deep, in bottom of Billie Brown Canyon, course N. $20^{\circ}W.$ ; asc. abrupt E. slope.
28.45	Trail, bears with the canyon.
39.92	On abrupt E. slope, 490 ft. above canyon. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked S29 $\frac{1}{4}$ S32 1920
	from which A cedar, 20 ins. diam., bears N. $24\frac{1}{2}^{\circ}E.$ , 104 lks. dist., marked $\frac{1}{4}$ S29 BT A pinon, 22 ins. diam., bears S. $8\frac{1}{2}^{\circ}E.$ , 46 lks. dist., marked $\frac{1}{4}$ S32 BT
44.45	Rim of canyon, 180 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; leave dense and enter scattering timber with heavier undergrowth, bears N. and S.; thence over rolling top.
79.84	The cor. of secs. 29, 30, 31 and 32. Land, rough and rolling mountainous; drainage N.

Subdivision of T. 16 S., R. 21 E.

Chains

Soil, rocky and shallow sandy and gravelly loams.

✓ Timber, dense to scattering cedar, pinon and red pine.

✓ Undergrowth, considerable service, oak and sagebrush.

Fair grazing land on portions of the mile.

-----  
West. on randon line, bet. secs. 30 and 31.

40.25 Set temp.  $\frac{1}{4}$  sec. cor. Impracticable to set. at 40.00 chs.

76.30 Fall 12 lks. S. of the witness cor. to cor. secs. 30 and 31 on W. bdy. of tp., which is set 1.20 chs. E. of true cor. point, heretofore described.

✓ 77.50 Intersect W. bdy. of tp., 12 lks. S. of true point for cor. secs. 30 and 31, in Willow Creek; thence counting distance from true cor. point.

S.  $89^{\circ}55'E.$ , on true line, bet. secs. 30 and 31.

✓ 1.20 The witness cor.

Over level bottom of Willow creek Canyon, through dense willows, 10 to 15 ft. high.

4.60 Leave bottom and willows, bears NE. and SW.; ascend abrupt W. slope, over series of broken sandstone ledges, through dense oak brush.

6.00 Leave dense oak, enter dense cedar, pinon and red pine timber, bears N. and S.

37.25 On abrupt W. slope, 1050 ft. above canyon.  
Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked

S30

$\frac{1}{4}$  ——— WC

S31

1920

from which

A red pine, 28 ins. diam., bears N.  $6\frac{1}{2}^{\circ}W.$ , 224 lks. dist., marked  $\frac{1}{4}$  S30 WC BT

A red pine, 10 ins. diam., bears S.  $86\frac{1}{2}^{\circ}W.$ , 182 lks. dist., marked  $\frac{1}{4}$  S31 WC BT

✓ 37.50 True point for  $\frac{1}{4}$  sec. cor., falls on abrupt rocky W. slope where cor. cannot be perpetuated. No cor. set here.

Subdivision of T. 16 S., R. 21 E.

Chains

44.70 Top of abrupt ascent and E. rim of Willow Creek, 285 ft. above  $\frac{1}{4}$  cor.; and 1335 ft. above canyon bottom, bears N. and S.; thence over rolling top through scattering timber and dense sagebrush.

77.50 The cor. of secs. 29, 30, 31 and 32.  
 W. 44.70 chs. rough mountainous land, abrupt slope facing W. into Willow Creek, which drains about N.; soil, rocky in form of broken sandstone ledges, with some shallow sandy loam and shale; covered with dense cedar, pinon and red pine, with few fir trees; and scattered service oak and sagebrush: E. 32.80 chs. is rolling top covered with dense sagebrush and scattering cedar and pinon; soil, deep sandy loam with scattered rock.

Grazing land on the rolling top.

N. 0°03' W., bet. secs. 29 and 30.

Over mountainous land, through scattering timber and dense undergrowth; gently desc. N. slope.

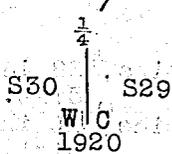
6.00 Leave top of mountain, bears NE. and SW.; desc. steep N. slope, through service, oak and sagebrush, with very scattered timber.

30.30 Bottom of gulch, 675 ft. below sec. cor., course NE.; leave nearly all undergrowth and enter dense timber, bears NE. and SW.; asc. abrupt, rocky E. and SE. slopes.

40.00 True point for  $\frac{1}{4}$  sec. cor. falls on small ledge, bearing NE. and SW. where cor. cannot be set, therefore at

40.25 On abrupt E. slope, 70 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A red pine, 10 ins. diam., bears S/73°E., 20 lks. dist., marked WC  $\frac{1}{4}$  S29 BT

Subdivision of T. 16 S., R. 21 E.

Chains

A red pine, 28 ins.diam., bears N.37°W., 38 lks.  
dist., marked WC  $\frac{1}{4}$  S30° BT

47.50 Spur, 160 ft. above  $\frac{1}{4}$  cor., projects E.; desc. abrupt  
NE. slope.

74.90 Depression on E. slope, 500 ft. below spur, drains E.;  
thence along rocky E. slope.

77.83 As true point for sec. cor. falls on impracticable place  
where cor. cannot be set, therefore at this point:

Set an iron post, 3 ft. long; 2 ins. in dia., 4 ins. in  
ground to bedrock; and in a large mound of stone, for  
witness cor. to cor. secs. 19; 20; 29 and 30; with brass  
cap marked

WC	
T16S	R21E
S19	S20
S30	S29

1920

from which

A red pine, 14 ins.diam., bears N.4 $\frac{1}{2}$ °E., 26 lks.  
dist., marked WC T16S R21E S29 BT

A red pine, 16 ins.diam., bears S.80 $\frac{1}{2}$ °W., 78 lks.  
dist., marked WC T16S R21E S30° BT

A red pine, 7 ins.diam., bears N.30 $\frac{1}{2}$ °W., 70 lks.  
dist., marked WC T16S R21E S30° BT

No suitable tree within limits in SE quadrant.

Note: A large boulder, 30x20x10 ft., bears S. of post,  
6 lks. dist.

80.00 True point for sec. cor. falls on abrupt E. face of  
sandstone ledge, 25 ft. high, bearing N.10°W. and S.10°E.

where cor. cannot be set. No cor. set here.

Land, rough mountainous with abrupt slopes, general NE.

exposure and drainage into Billie Brown Canyon, which  
drains about N.

Soil, rocky and shallow sandy loam; sandstone formation.

Timber, dense to scattering cedar, pinon, and red pine.

Undergrowth, service, oak and sage brush.

Poor grazing land on greater part of the mile.

-----  
From true cor. point.

S. 89°59' E., on random line, bet. secs. 20 and 29.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

*Any date  
B.C.*

Subdivision of T. 16 S., R. 21 E.

Chains

- 79.82 Intersect N. and S. line, .5 lks. S. of cor. secs. 20, 21, 28 and 29; thence S.  $89^{\circ}59'$  W., on true line, bet. secs. 20 and 29. Over mountainous land, through scattering timber and undergrowth; gently desc. NW. slope, 40 ft. to
- 5.20 Open swale, drains N.  $10^{\circ}$  E.; gradually asc. E. slope.
- 10.00 Enter dense timber, bears N. and SE.
- 29.20 Top of ascent on E. edge of flat ridge, 205 ft. above swale, bears N. and S.  $30^{\circ}$  E.; thence across ridge.
- 35.80 W. edge of ridge, bears N. and S.; desc. abrupt W. slope.
- 39.91 On W. slope at base of the abrupt descent, 95 ft. below ridge.  
Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- S20
- S29
- 1920
- from which
- A cedar, 6 ins. diam., bears N.  $8\frac{1}{2}^{\circ}$  W., 30 lks. dist., marked  $\frac{1}{4}$  S20/BT
- A pinon, 6 ins. diam., bears S.  $27\frac{1}{2}^{\circ}$  W., 22 lks. dist., marked  $\frac{1}{4}$  S29/BT
- Gradually desc. NW. slope, 30 ft. to
- 46.80 Bottom of open swale, drains N.; thence along a gradual N. slope.
- 57.00 E. rim of canyon, bears N.  $10^{\circ}$  W. and S.; desc. abrupt W. slope, 870 ft. to
- 78.64 Stream 4 lks. wide, 3 ins. deep, in bottom of Billie Brown Canyon, course N.; abrupt ascent E. slope, 170 ft. to
- 79.82 The true point for cor. secs. 19, 20, 29 and 30. Land, rough and rolling mountainous, with NE. and W. exposures.
- 
- Soil, rocky with dark sandy loam; sandstone formation.
- Timber, dense to scattering cedar, pinon, and red pine.
- Undergrowth, scattering sage, oak and service brush.

Subdivision of T. 16 S., R. 21 E.

Chains	
	From true cor. point.
	N. 89°55' W., on random line, bet. secs. 19 and 30.
40.14	Set temp. $\frac{1}{4}$ sec. cor. Impracticable to set at true point.
77.70	Intersect W. bdy of tp., 2 lks. N. of cor. secs. 19 and 30, heretofore described; thence
	S. 89°56' E., on true line, bet. secs. 19 and 30.
	Over rough mountainous land, through dense timber and scattering undergrowth.
0.20	Spur, slopes N.70°E.; desc. abruptly over series of sandstone ledges.
8.70	Base of slope and enter Willow Creek Canyon, 410 ft. below sec. cor., bears NE. and SW.; thence over canyon bottom through dense willows.
12.40	Willow Creek, 30 lks. wide, 3 ft. deep, course NE.
16.45	Leave canyon bottom, bears NE. and SW., also trail, bears N. and SW.; asc. abrupt W. slope, over series of rim ledges, through dense timber.
37.56	On abrupt W. slope, 580 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked
	S19 $\frac{1}{4}$ ——— WC S30
	from which
	A red pine, 12 ins.diam., bears N.37°W., 35 lks. dist., marked WC $\frac{1}{4}$ S19 BT
	A red pine, 18 ins.diam., bears S.36°W., 48 lks. dist., marked WC $\frac{1}{4}$ S30 BT
37.70	True point for $\frac{1}{4}$ sec. cor. falls on ledgy, abrupt W. slope where cor. could not be perpetuated. Cor. not set.
50.40	E, rim of Willow Creek Canyon and high ridge, 1115 ft. above canyon bottom, bears N. and S.
51.60	Begin descent over steep E. slope towards Billie Brown Canyon.
65.00	Begin more abrupt descent over series of high rim ledges, bears N. and S.
77.70	The true point for cor. secs. 19, 20, 29 and 30, 810 ft. below ridge.

Chains

Land, high rough mountainous with abrupt ledgy E. and W. slopes; drainage N.

Soil, rocky in form of ledges and boulders, with some shallow sandy loam and shale.

Timber, dense cedar, pinon and red pine.

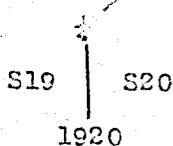
Undergrowth, scattering sagebrush, service and oak brush, with dense willows in canyon bottom.

Poor grazing land on greater part of the mile.

-----  
 N. 0°05' W., bet. secs. 19 and 20, counting distance from true cor. point, which is 2.17 chs. N. of the W.C. Over rough mountainous land, through dense timber and scattering undergrowth; along an abrupt, rocky E. slope, on W. side, near bottom of Billie Brown Canyon, draining N.

22.50 Rocky point on E. slope, 35 ft. above sec. cor., ascends W.; desc. abrupt NE. slope, 265 ft. to

40.00 On E. slope near bottom of canyon.  
 Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in ground to bedrock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

A red pine, 6 ins. diam., bears West, 30 lks. dist., marked  $\frac{1}{4}$  S19 BT

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No trees within limits in sec. 20.

40.70 Base of rocky slope, enter open canyon bottom, 20 ft. below  $\frac{1}{4}$  cor., bears NW. and SE.; thence gently desc. along bottom of canyon, through dense sagebrush.

58.45 Wash, 20 lks. wide, 3 ft. deep, dry, in bottom of Billie Brown Canyon, course NW.

67.65 Leave canyon bottom, bears NW. and SE.; asc. abruptly over series of ledges, through dense timber.

Subdivision of T. 16 S., R. 21 E.

Chains

77.70 Top of spur, 305 ft. above canyon, slopes N.70°W.; desc. abrupt N. slope, 105 ft. to

80.00 On abrupt N. slope.  
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in ground, for cor. secs. 17, 18, 19 and 20, with brass cap marked

T16S	R21E
S18	S17
S19	S20

1920

from which

- A red pine, 10 ins.diam., bears N.56 $\frac{1}{2}$ °E., 38 lks. dist., marked T16S R21E S17/BT
- A red pine, 12 ins.diam., bears S.65 $\frac{1}{2}$ °E., 26 lks. dist., marked T16S R21E S20/BT
- A red pine, 8 ins.diam., bears S.54 $\frac{1}{2}$ °W., 24 lks. dist., marked T16S R21E S19/BT
- A red pine; 8 ins.diam., bears N.42 $\frac{1}{2}$ °W., 35 lks. dist., marked T16S R21E S18/BT

Land, rough mountainous and nearly level canyon bottom. Soil, on abrupt slopes is rocky in form of ledges and boulders with shallow sandy loam; in canyon bottom, deep sandy and gravelly loam with scattered loose rock. Timber, dense cedar, pinon and red pine on the rough slopes.

Undergrowth; dense sage in canyon bottom, with scattered service, oak and sage brush on rough portions.

Grazing land in canyon bottom only.

N. 89°59' E., on random line, bet. secs. 17 and 20.

40.00 Set temp. sec. cor.

80.12 Intersect N. and S. line, 14 lks. N. of true point for cor. secs. 16, 17; 20 and 21, which is 53 lks. N. of the witness cor.; thence

N. 89°55' W., on true line, bet. secs. 17 and 20, from true cor. point.

Over high rough mountainous land, through dense timber and scattering undergrowth; asc. abrupt E. slope over series of sandstone ledges.

Subdivision of T. 16 S., R. 21 E.

Chains	
18.90	Top of the ledges, slope changes to more gradual E. slope bears N. and S.
21.00	Spur, 820 ft. above sec. cor., projects N.; gradually desc. 70 ft. to
22.40	Draw, course NE.; asc. E. slope.
40.08	On E. slope, 145 ft. above draw. Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in ground to underlying rock, and in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
	S17
	from which
	<p>A red pine, 14 ins. diam., bears N.60°E., 24 lks. dist., marked <math>\frac{1}{2}</math> S17/BT</p> <p>A cedar, 5 ins. diam., bears S.15°E., 8 lks. dist., marked <math>\frac{1}{2}</math> S20/BT</p>
43.63	Ridge, 115 ft. above $\frac{1}{2}$ sec. cor., bears N. and S.; thence across top of ridge to
48.00	W. edge of ridge and E. rim of Willow Creek, bears N.20°E. and S.20°E.; desc. abrupt W. and NW. slopes, over series of broken sandstone ledges, 965 ft. to
60.12	The cor. of secs. 17, 18, 19 and 20. Land, rough mountainous with abrupt slopes; E. 44 chs. having a general NE. exposure and drainage into Ten Mile Canyon, and remainder NW. into Willow Creek. Soil, rocky in form of ledges and boulders with shallow dark brown sandy loam and some shale. Timber, dense cedar, pinon and red pine. Undergrowth, scattering sage, service and oak brush. Poor grazing land on greater part of mile.
	----- N. 89°55' W., on random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
77.04	Intersect W. bdy. of tp., 7 lks. S. of the cor. secs. 18 and 19, heretofore described; thence
	S. 89°53' E., on true line, bet. secs. 18 and 19,

Subdivision of T. 16 S., R. 21 E.

Chains	
35.50	Over rough mountainous land, through dense timber and very scattered undergrowth; descend along an abrupt N. and NE. slope, 775 ft. to Base of slope and leave timber, enter canyon bottom, bearing N.60°W. and S.60°E.; thence along bottom of canyon through sagebrush.
37.64	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;">                     S18  <hr style="width: 50px; margin: 0 auto;"/>                     S19                      1920                 </div> raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No trees within limits for bearing trees.
41.40	Wash, 60 lks. wide, 3 ft. deep, dry, in canyon bottom, course SE.
43.75	Leave canyon bottom, bearing NW. and SE., also N. end of wire fence extending SW. across canyon bottom; asc. abrupt ledgy SW. slope, 175 ft. through timber.
52.80	Spur, projects S.; desc. abrupt ledgy E. slope, 270 ft.
61.35	Base of spur and enter canyon bottom and dense willows, bearing N. and S.20°W.
62.30	Trail, bears N. and S.
62.65	Willow Creek, 35 lks. wide, 2 ft. deep, course N.
67.40	Wash, 25 lks. wide, 6 ft. deep, dry, from Billie Brown Canyon, course N. 5 chs. to junction with Willow Creek; leave canyon and asc. abrupt W. slope.
68.15	Top of 85-ft. perpendicular sandstone ledge, bears N. and S., continue abrupt ascent.
73.25	Spur, 225 ft. above canyon, projects NW.; thence along abrupt N. slope.
77.64	The cor. of secs. 17, 18, 19 and 20. Land, high rough mountainous. Soil, rocky and shallow dark sandy loam, some clay. Timber, dense cedar, pinon and red pine on greater part of the mile.

Subdivision of T. 16 S., R. 21 E.

Chains

Undergrowth, scattering sage, service and oak brush;  
dense willows in Willow Creek Canyon.

Grazing land in canyon bottoms only.

-----  
N. 0°03' W., bet. secs. 17 and 18.

Over rough mountainous land, through dense timber and  
scattering unsergrowth; desc. abrupt N. slope.

5.50 Base of slope, leave timber, enter canyon bottom and  
dense willows, 260 ft. below sec. cor., bears NE. and  
SW.; thence across canyon bottom, swampy ground.

9.55 Trail, bears NE. and SW., and leave swampy ground.

13.35 Willow Creek, 40 lks. wide, 1½ ft. deep, low banks,  
course N.60°E.

29.75 Leave canyon bottom and willows, bears NE. and SW.;  
asc. abruptly over series of sandstone ledges, through  
dense timber.

40.00 On abrupt SE. slope, 325 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in  
ground to bedrock and in a large mound of stone, for ¼  
sec. cor., with brass cap marked

S18

S17

1920

from which

A red pine, 12 ins. diam., bears N.52¼°E., 30 lks.  
dist., marked ½ S17' BT

No suitable tree within limits in Sec. 18.

57.75 Top of ascent on rocky point, 445 ft. above ¼ cor.,  
projects E.; desc. abruptly over ledgy NE. slope, 495  
ft. to

68.80 Gulch, course SE.; asc. abrupt SW. and S. slopes, 425 ft.

80.00 On steep S. slope.  
Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in  
ground to bedrock and in a large mound of stone, for  
cor. secs. 7, 8, 17 and 18, with brass cap marked

*Handwritten notes:*  
0  
110  
120  
130

Subdivision of T. 16 S., R. 21 E.

Chains

T16S	R21E
S7	S8
S18	S17

1920

from which .

A pinon, 8 ins.diam., bears S.52°E., 61 lks.  
dist., marked T16S R21E S17 BT

A red pine, 20 ins.diam., bears S.56½°W., 60 lks.  
dist., marked T16S R21E S18 BT

A red pine, 6 ins.diam., bears N.67½°W., 17 lks.  
dist., marked T16S R21E S7 BT

No suitable tree within limits in sec. 8.

Land, high rough mountainous, being abrupt slopes of  
Willow Creek Canyon.

Soil, rocky in form of broken ledges, with shallow dark  
sandy loam; deep fine sandy and clay loams in canyon  
bottom.

Timber, dense cedar, pinon and red pine on all of mile,  
excepting canyon bottom.

Undergrowth, scattered sage, service and oak brush; dense  
willows in canyon bottom.

Poor grazing land, except canyon bottom.

-----  
S. 89°55' E., on random line, bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line, 19 lks. N. of cor. secs. 8, 9,  
16 and 17; thence

N. 89°47' W., on true line, bet. secs. 8 and 17.

Over rough mountainous land, through dense timber and  
very scattered undergrowth; desc. abrupt W. slope, over  
series of broken sandstone ledges.

13.50 Top of 125 ft. rim ledge, bears N.30°W. and S.30°E.

15.00 Base of slope and leave timber, enter Ten Mile Canyon,  
535 ft. below sec. cor., bears N30°W. and S.30°E.; thence  
across canyon through dense sagebrush.

17.80 Trail, bears NW. and SE.

19.10 Stream, 4 lks. wide, 3 ins. deep, good water, in wash,  
70 lks. wide, 7 ft. deep, course N.15°W.

23.00 Leave canyon, bears NW. and S.15°E.; asc. abrupt E. slope  
over series of sandstone ledges, through timber.

Subdivision of T. 16 S., R. 21 E.

Chains	
29.65	Rocky spur near N. end, 275 ft. above canyon, projects N.; desc. along abrupt NW. and N. slopes.
40.05	On abrupt N. slope, 185 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in ground to bedrock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S8
	$\frac{1}{4}$
	S17
	1920
	from which
	A red pine, 10 ins. diam., bears S. $59\frac{1}{2}^{\circ}$ W., 24 lks. dist., marked $\frac{1}{4}$ S17 BT
	A red pine, 5 ins. diam., bears N. $58\frac{1}{2}^{\circ}$ W., 51 lks. dist., marked $\frac{1}{4}$ S8 BT
42.25	Leave timber and enter bottom of Willow Creek Canyon, 75 ft. below $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence across level bottom land, through sagebrush.
48.10	Willow Creek, 30 lks. wide, 2 ft. deep, course NE.
51.00	Trail, bears NE. and SW.
56.00	Leave canyon and enter timber, bears NE. and SW.; asc. abrupt ledgy E. slope, 860 ft. to
77.00	Top of ascent on SE. slope, slopes SE.; desc. SW. slope, 70 ft. to
80.10	The cor. of secs. 7, 8, 17 and 18.
	Land, high rough mountainous with abrupt slopes, crossing Ten Mile and Willow Creek Canyons, which drain northerly.
	Soil, rocky in form of broken sandstone ledges and boulders with shallow sandy loam and some shale; deep fine sandy loam in canyon bottoms.
	Timber, dense cedar, pinon and red pine, excepting in canyon bottoms.
	Undergrowth, scattering sage, service and oak brush.
	Good grazing land in canyon bottoms.
	----- N. $89^{\circ}53'$ W., on random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

## Subdivision of T. 16 S., R. 21 E.

Chains	
77.36	Intersect W. bdy. of tp., 12 lks. N. of the cor. of secs. 7 and 18, heretofore described; thence S. 89°58' E., on true line, bet. secs. 7 and 18. Over rolling mesa top, through dense timber and scattering undergrowth.
37.36	Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in ground to bedrock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.  S7 $\frac{1}{4}$ ——— S18  1920
	from which  A pinon, 6 ins. diam., bears N. 30° W., 25 lks. dist., marked $\frac{1}{4}$ S7 BT A pinon, 6 ins. diam., bears S. 55° W., 40 lks. dist., marked $\frac{1}{4}$ S18 BT
41.45	Rim of mesa, bears N. and S.; desc. abruptly 340 ft. to
53.00	Gulch, course NE.; asc. 30 ft. to
57.00	Top of ascent on N. slope, ascends to SW.; desc. NE. slope, 250 ft. to
62.00	Gulch, course SE.; asc. SW. slope, 245 ft. to
77.36	The cor. of secs. 7, 8, 17 and 18.  Land, rolling mesa and rough mountainous.  Soil, rocky and shallow sandy loam; sandstone formation.  Timber, dense cedar, pinon and red pine.  Undergrowth, scattered sage, service and oak brush.  Fair grazing land.
	-----  N. 0°03' W., bet. secs. 7 and 8.  Over rough mountainous land, through dense timber and scattering undergrowth; asc. abrupt S. slope.
1.60	Top of the abrupt ascent, 70 ft. above sec. cor., thence more gradual ascent along an E. slope to
15.50	Top of spur, 170 ft. above sec. cor., projects E.; desc. abrupt N. and NE. slopes, 725 ft. to
36.55	Bottom of deep canyon, small seep in same, course SE.;

Subdivision of T. 16 S., R. 21 E.

Chains

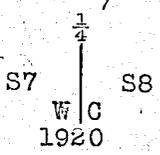
Asc. abrupt ledgy S. slope.

40.00

True point for  $\frac{1}{4}$  sec. cor. falls on broken S. face of 50 ft. rim ledge, bearing W. and SE., impracticable to set cor. here, therefore at

41.35

On gradual S. slope, 120 ft. above canyon. Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in ground to bedrock and in a mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked



from which

- A red pine, 14 ins. diam., bears S. 55° E., 63 lks. dist., marked WC S8 BT
- A red pine, 12 ins. diam., bears S. 57 1/2° W., 41 lks. dist., marked WC S7 BT

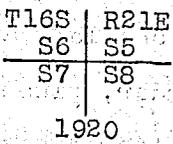
Continue ascent over broken, rocky S. slope.

76.75

Top of ascent on S. edge of mesa, 740 ft. above the W.C., bears S. 70° W. and SE.; thence over rolling top.

80.00

On top of mesa. Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in ground, to bedrock and in a large mound of stone, for cor. secs. 5, 6, 7 and 8, with brass cap marked



from which

- A pinon, 8 ins. diam., bears N. 50° E., 35 lks. dist., marked T16S R21E S5 BT
- A cedar, 6 ins. diam., bears S. 40° E., 123 lks. dist., marked T16S R21E S8 BT
- A pinon, 6 ins. diam., bears S. 9 1/2° W., 77 lks. dist., marked T16S R21E S7 BT
- A pinon, 5 ins. diam., bears N. 62° W., 39 lks. dist., marked S6 BT (too small for full markings)

Land, high rough mountainous, with abrupt slopes; drainage E. into Willow Creek,

Soil, rocky and shallow sandy loam; sandstone formation.

Timber, dense cedar, pinon and red pine on the mile.

Undergrowth, scattered sage, service and oak brush.

Subdivision of T. 16 S., R. 21 E.

Chains	
	S. 89°47' E., on random line, bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect N. and S. line, 26 lks. S. of the cor. secs. 4, 5, 8 and 9; thence
	N. 89°58' W., on true line, bet. secs. 5 and 8.
	Over rough mountainous land, through medium dense timber and scattering undergrowth; desc. abrupt, ledgy W. slope, 280 ft. to
6.50	Base of slope and enter canyon bottom, bears N. and S. 20°W.; thence across level canyon bottom through dense willows and sagebrush.
6.75	Trail, bears N. and S. 20°W.
7.30	Willow creek, 30 lks. wide, 2 ft. deep, 6 ft. banks, course N.
9.50	Cross same at bend, course from SW. to SE.
11.75	Cross same at bend, course from SW. to SE.
24.80	Leave canyon bottom and dense willows, bears NE. and S. asc. abrupt E. slope over series of high sandstone ledges, through medium dense timber.
39.93	On abrupt E. slope, 650 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S5
	$\frac{1}{4}$ ———
	S8
	1920
	from which
	A red pine, 24 ins. diam., bears S. 65 $\frac{1}{2}$ ° E., 74 lks. dist., marked $\frac{1}{4}$ S8 BT
	A red pine, 16 ins. diam., bears N. 25 $\frac{1}{2}$ ° W., 23 lks. dist., marked $\frac{1}{4}$ S5 BT
47.30	Spur, 275 ft. above $\frac{1}{4}$ cor., projects NE.; gradually desc. along NW. slope 45 ft. to
54.35	Depression on N. slope, drains NE.; asc. abruptly 225 ft.
61.55	Top of ascent on rim of mesa, bears N. and SE.; thence over rolling top.
79.86	The cor. of secs. 5, 6, 7, and 8.

Subdivision of T. 16 S., R. 21 E.

Chains

- Land, rough mountainous with abrupt rocky slopes, drainage into Willow Creek.
- Soil, rocky in form of broken ledges, with shallow sandy loam; deep sandy loam in canyon bottom.
- Timber, medium dense, cedar, pinon and red pine, on mesa, excepting in canyon bottom.
- Undergrowth, scattered sage, service and oak brush, with dense willows and sage brush in canyon bottom.
- 
- N. 89°58' W., on random line, bet. secs. 6 and 7.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 77.29 Intersect W. bdy. of tp., 12 lks. N. of cor. secs. 6 and 7, heretofore described; thence N. 89°57' E., on true line, bet. secs. 6 and 7.
- Gently desc. along top of mesa, through scattering timber and short undergrowth to
- 1.75 Rim of mesa, bears NE. and SE.; thence over broken land facing SE., through dense timber; desc. abrupt SE. slope.
- 15.85 Gulch, 325 ft. below mesa, drains SE.; asc. along S. slope, 15 ft. to
- 21.45 Top of raise on S. slope, slopes off to SE.; desc. 95 ft.
- 26.20 Draw, course SE.; asc. 45 ft. to
- 37.29 On abrupt SW. slope.
- Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in ground to bedrock and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- S6
- S7
- 1920
- from which
- A pinon, 12 ins. diam., bears S. 26 $\frac{3}{4}$ ° W., 20 lks. dist., marked  $\frac{1}{4}$  S7 (BT)
- A pinon, 6 ins. diam., bears N. 52° W., 52 lks. dist., marked  $\frac{1}{4}$  S6 (BT)
- 51.45 Top of ascent and rim of mesa, 350 ft. above  $\frac{1}{4}$  cor., bears NW. and SE.; thence over rolling top of mesa.
- 77.29 The cor. of secs. 5, 6, 7 and 8.

Subdivision of T. 16 S., R. 21 E.

Chains

Land, rough mountainous and rolling mesa, general exposure and drainage SE.

Soil, rocky and shallow sandy loam; sandstone formation.

Timber, medium dense cedar, pinon and scattered red pine.

Undergrowth, scattering sage, service and oak brush.

Fair grazing land.

N. 0°05' W., on random line, bet. secs. 5 and 6.

40.00 Set temp. 1/4 sec. cor.

80.60 Intersect N. bdy. of tp., 23 lks. E. of cor. secs.

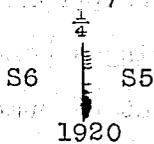
5, 6, 31 and 32, heretofore described; thence

S. 0°15' E., on true line, bet. secs. 5 and 6.

Over rough mountainous land, through dense timber and scattering undergrowth; asc. along W. and NW. slopes.

40.60 On top of spur, 365 ft. above sec. cor., projects E.

Set an iron post, 3 ft. long, 1 1/2 ins. dia., 10 ins. in ground to bedrock and in a mound of stone, for 1/4 sec. cor., with brass cap marked



from which

A pinon, 10 ins.diam., bears S.60°E., 22 lks. dist., marked 1/4 S5 BT

A cedar, 16 ins.diam., bears S.84 1/2°W., 16 lks. dist., marked 1/4 S6 BT

Thence along an E. slope, on top of spur to

47.15 Leave spur and desc. gradual SE. slope.

58.00 Cross head of gulch, 100 ft. deep, course E.; asc.

66.70 Top of ascent and rim of mesa, bears E. and NW.; thence along rolling top of mesa.

80.60 The cor. of secs. 5, 6, 7 and 8.

Land, rough mountainous and rolling mesa.

Soil, rocky and dark, shallow sandy loam; sandstone formation.

Timber, dense cedar and pinon, with scattering red pine.

Undergrowth, scattered sage, service and oak brush.

Boundaries of T. 16 S., R. 21 E.

Latitudes, Departures and Closing Errors.

Lines designated	True bearings	Dist- ances	Latitudes		Departures	
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
W.bdy. T16SR21E.	S.0°05'E. ✓	36.08 ✓		36.08 ✓	.05 ✓	
"	S.0°03'W ✓	40.15 ✓		40.15 ✓		.03 ✓
"	S.0°20'W ✓	40.03 ✓		40.03 ✓		.23 ✓
"	S.0°27'E. ✓	39.89 ✓		39.89 ✓	.31 ✓	
"	S.0°09'W. ✓	80.47 ✓		80.47 ✓		.21 ✓
"	S.0°03'W. ✓	243.78 ✓		243.78 ✓		.21 ✓
S.bdy. T16SR21E.	East ✓	477.64 ✓			477.64 ✓	
E.bdy. T16SR21E	North ✓	480.00 ✓	480.00 ✓			
N.bdy. T16SR21E	West ✓	477.03 ✓				477.03 ✓
Convergency						.60 ✓
Totals -----			480.00	480.40	478.00	478.31 ✓
Error in latitude -----				480.00 ✓		
Error in departure -----				0.40 ✓		478.00 ✓
						0.31 ✓

General Description of T. 16 S., R. 21 E.

This township in general is a rolling plateau lying at an elevation of approximately 6500 to 7500 ft. above sea level, having a general northern exposure and drainage. Is cut by numerous deep, rocky canyons and gulches, slopes of which are mainly very abrupt and ledgy. The western portion drains into Willow Creek, a stream of good water, approximately 20 to 30 lks. wide and about 2 ft. deep, which flows northerly through the west portion of the tp., through a deep canyon, from 1000 to 1500 ft. deep, rimmed with high, broken sandstone ledges. The bottom lands along this stream average from .5 to 10 chs. in width and are mainly covered with a dense growth of willows, 10 to 20 ft. high. The next largest canyon in the tp. is Ten Mile, draining NW., crossing the S. bdy. of tp. in sec. 35 and joining Willow Creek in sec. 8. This canyon carries a small stream of good water, and is nearly as deep and rugged as Willow Creek Canyon. The eastern portion of the tp. drains north into

-118-

General Description of T. 16S., R. 21 E.

Meadow Creek Canyon, which lies immediately to the north of this tp., and drains W. into Willow Creek.

The township is covered with a medium growth of cedar, pinon and red pine timber, being dense on the greater portion, with scattering sagebrush openings occurring along tops of the rolling ridges and benches. And scattering undergrowth of sagebrush, service and oak brush is found throughout the tp.

The soil is principally rocky of sandstone and shale formations with shallow, fine, brown sandy loam, on the rough portions, while on the rolling ridges and benches or mesa lands a deep, fine brown sandy loam, lying on rock and clay subsoils is found.

The township is fairly well watered by Willow Creek and several small spring branches found in the bottoms of canyons and gulches.

In general this township is suitable only for grazing purposes; a fair growth of grass is found throughout the tp., however portions of the bottom lands lying along Willow Creek are suitable for farming purposes. There are no settlers nor any improvements, other than a few short drift fences across bottom of Willow Creek in the township.

We found no indications of mineral or coal in the township. A few narrow oil-shale veins, from 2 to 6 ft. thick were found scattered throughout the tp., being exposed along the abrupt slopes of canyons and gulches.

*Andrew Nelson*  
U.S. Surveyor.

*James P. Quigley*  
U.S. Transmitter.

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Water Locations in T. 16 S., R. 21 E.

Willow Creek.

- $W\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $NW\frac{1}{4}$ ,  $NW\frac{1}{4}$ , sec 31.  
 $W\frac{1}{2}$ ,  $W\frac{1}{2}$ , sec. 30.  
 $SW\frac{1}{4}$ ,  $SW\frac{1}{4}$ ;  $N\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $E\frac{1}{2}$ ,  $NW\frac{1}{4}$ ;  $N\frac{1}{2}$ ,  $NE\frac{1}{4}$ , sec. 19.  
 $SE\frac{1}{4}$ ,  $SE\frac{1}{4}$ , sec. 18.  
 $W\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $NW\frac{1}{4}$ ;  $NE\frac{1}{4}$ ,  $NW\frac{1}{4}$ , sec. 17.  
 $SE\frac{1}{4}$ ,  $SW\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $SE\frac{1}{4}$ ;  $E\frac{1}{2}$ ,  $NE\frac{1}{4}$ , sec. 8.  
 $E\frac{1}{2}$ ,  $E\frac{1}{2}$ , sec. 5.  
 $W\frac{1}{2}$ ,  $SW\frac{1}{4}$ , sec. 4.  
Small spring branch in Billie Brown Canyon.  
 $E\frac{1}{2}$ ,  $SE\frac{1}{4}$ ;  $SE\frac{1}{4}$ ,  $NE\frac{1}{4}$ ;  $NW\frac{1}{4}$ ,  $NE\frac{1}{4}$ , sec. 32.  
 $W\frac{1}{2}$ ,  $SE\frac{1}{4}$ ;  $N\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $NW\frac{1}{4}$ , sec. 29.  
 $W\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $SW\frac{1}{4}$ ,  $NW\frac{1}{4}$ , sec. 20.  
 $NE\frac{1}{4}$ ,  $NE\frac{1}{4}$ , sec. 19.  
Small spring branch in deep, narrow canyon.  
 $E\frac{1}{2}$ ,  $E\frac{1}{2}$ , sec. 33.  
 $W\frac{1}{2}$ ,  $SW\frac{1}{4}$ , sec. 27.  
Small spring branch in deep, narrow canyon.  
 $W\frac{1}{2}$ ,  $SE\frac{1}{4}$ , sec. 34.  
Small spring branch in Ten Mile Canyon.  
 $S\frac{1}{2}$ ,  $SW\frac{1}{4}$ , sec. 35.  
 $NE\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $NE\frac{1}{4}$ , sec. 34.  
 $SW\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $E\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $SW\frac{1}{4}$ ,  $NW\frac{1}{4}$ , sec. 27.  
 $SE\frac{1}{4}$ ,  $NE\frac{1}{4}$ ;  $N\frac{1}{2}$ ,  $NE\frac{1}{4}$ , sec. 28.  
 $SW\frac{1}{4}$ ,  $SE\frac{1}{4}$ ;  $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$ ;  $SW\frac{1}{4}$ ,  $NW\frac{1}{4}$ ;  $W\frac{1}{2}$ ,  $NW\frac{1}{4}$ , sec. 21.  
 $SW\frac{1}{4}$ ,  $SW\frac{1}{4}$ ; sec. 16.  
 $E\frac{1}{2}$ ,  $E\frac{1}{2}$ , sec. 17.  
Small spring brnaches.  
 $W\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$ ;  $E\frac{1}{2}$ ,  $NW\frac{1}{4}$ , sec. 13.  
 $E\frac{1}{2}$ ,  $SW\frac{1}{4}$ ;  $SE\frac{1}{4}$ ,  $NW\frac{1}{4}$ ;  $NW\frac{1}{4}$ ?  $NE\frac{1}{4}$ , sec. 12.  
 $W\frac{1}{2}$ ,  $SE\frac{1}{4}$ ;  $SW\frac{1}{4}$ ,  $NE\frac{1}{4}$ ;  $NE\frac{1}{4}$ ,  $NE\frac{1}{4}$ , sec. 1.  
 $NW\frac{1}{4}$ ,  $NE\frac{1}{4}$ , sec. 23.  
 $W\frac{1}{2}$ ,  $E\frac{1}{2}$ , sec. 14.  
 $W\frac{1}{2}$ ,  $E\frac{1}{2}$ , sec. 11.  
 $W\frac{1}{2}$ ,  $E\frac{1}{2}$ , sec. 2.

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FIELD ASSISTANTS.

NAMES.	CAPACITY.
Frank Romney	1st Chainman
Albert W. Constantine	1st Chainman
Melvin Krotki	2nd Chainman
William Gothrié	2nd Chainman
Geo. W. Balmforth	2nd Chainman
LeRoy Peck	Flagman
Paul Peterson	Flagman
Alvin Ashby	Axman
James E. Severson	Axman

CERTIFICATE OF UNITED STATES SURVEYOR.  
AND TRANSITMAN.

We, Andrew Nelson, U. S. Surveyor, hereby certify upon honor that, in pursuance and James P. Quigley, U.S. Transitman of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 25th day of February, 1919, we have well, faithfully, and truly

our in known proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Resurvey of or Green River Guide Meridian, and west boundary/ survey of South, East and North boundaries and Subdivision of T. 16 South, R. 21 East

of the Salt Lake

Base and Meridian, in the State of Utah, which are represented in and date diagram the foregoing field notes/as having been executed by us on dates as shown on date diagram and under my direction/and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah. Apr. 25 1921  
Washington, D.C. May 10-1921  
Andrew Nelson U. S. Surveyor.  
James P. Quigley U.S. Transitman  
APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Feb. 28, 1923.

The foregoing field notes of the survey of the west boundary or Green River Guide Meridian, and survey of the south, east, and north boundaries and subdivisional lines of Township No. 16 South, Range No. 21 East of the Salt Lake Base and Meridian, Utah;

executed by Andrew Nelson and James P. Quigley

under his special instructions dated February 25, 1919 having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature of A. D. Dousson]  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in, has been correctly copied from the original notes on file in this office.

[Signature of A. D. Dousson]  
U. S. Surveyor General.